

Test Date	16/07/2026
Test Time	9:00 AM - 12:00 PM
Subject	PGT Geography

Section : **Mental Ability and Reasoning Ability**

Q.1 This question is based on the following words.

(Left) DUO DAM HAW PEA (Right)

How many letters are there between the second letter of the first word from the right and the second letter of the first word from the left, counted in the English alphabetical order?

- Ans
- ☒ 1. 13
 - ☒ 2. 17
 - ☒ 3. 15
 - ☒ 4. 14

Q.2 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: FDJ :: GEK : %

- Ans
- ☒ 1. # = DBH, % = IGM
 - ☒ 2. # = DBG, % = IGM
 - ☒ 3. # = DBH, % = IHM
 - ☒ 4. # = DBH, % = IGN

Q.3 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which is the one that does not belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans
- ☒ 1. IN - GP
 - ☒ 2. MR - KP
 - ☒ 3. KP - IN
 - ☒ 4. EJ - CH

Q.4 Each of, P, Q, R, S, T, U and V, has an exam on a different day of a week, starting from Monday and ending on Sunday of the same week. S has the exam on Thursday. Exactly 4 people have their exams between V and P, neither of whom has the exam on Sunday. R has the exam immediately before Q. U does not have the exam on Friday. V does not have the exam after P. Who has the exam on Tuesday?

- Ans
- ☒ 1. V
 - ☒ 2. P
 - ☒ 3. U
 - ☒ 4. R

Q.5 What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$15 \div 6 + 42 \times 3 - 5 = ?$$

- Ans
- ☒ 1. 81
 - ☒ 2. 80
 - ☒ 3. 78
 - ☒ 4. 79

Q.6 If + means -, - means x, x means ÷, ÷ means +, then what will come in place of the question mark (?) in the following equation?
 $271 - 7 \div 144 + 2613 \times 13 = ?$

- Ans**
- ☒ 1. 1840
 - ☐ 2. 1850
 - ☐ 3. 1870
 - ☐ 4. 1860

Q.7 Which of the following letter-clusters will replace the question mark (?) in the given series to make it logically complete?
QIS 59, SLO 46, UOK 33, WRG 20, ?

- Ans**
- ☐ 1. YTB 9
 - ☐ 2. UTC 7
 - ☐ 3. YTC 9
 - ☒ 4. YUC 7

Q.8 This question is based on the five, three-digit numbers given below.
(Left) 234 367 215 376 158 (Right)
(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)
NOTE - All operations to be done from left to right.

What will be the resultant if the third digit of the highest number is added to the third digit of the lowest number?

- Ans**
- ☐ 1. 12
 - ☐ 2. 15
 - ☒ 3. 14
 - ☐ 4. 13

Q.9 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which is the one that does not belong to that group? (Note: The odd man out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☐ 1. NK–GD
 - ☒ 2. FC–XX
 - ☐ 3. MJ–FC
 - ☐ 4. AX–TQ

Q.10 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements: All apples are mangos. All mangos are balls. No ball is a cat.

Conclusions (I) : No apple is a cat

Conclusions (II) : Some balls are apples

- Ans**
- ☒ 1. Both conclusions (I) and (II) follow
 - ☐ 2. Only conclusion (II) follows
 - ☐ 3. Only conclusion (I) follows
 - ☐ 4. Neither conclusion (I) nor (II) follows

Q.11 In a certain code language,
A \$ B means 'A is the mother of B',
A # B means 'A is the father of B',
A ! B means 'A is the sister of B',
A @ B means 'A is the brother of B',
A * B means 'A is the wife of B',
A > B means 'A is the husband of B'.
Based on the above, which of the given options will make the following statement true?

'M is the mother of Q's father'.

- Ans**
- ☒ 1. M \$ R @ S > U \$ Q
 - ☐ 2. M \$ R @ S \$ U @ Q
 - ☐ 3. M \$ R @ S * U # Q
 - ☐ 4. M \$ R \$ S * U # Q

Q.12 In the following series, only one letter cluster is wrong. Find out the wrong letter cluster.
CGK EIN GKP IMR KOT MQV

- Ans**
- ☐ 1. GKP
 - ☒ 2. CGK
 - ☐ 3. IMR
 - ☐ 4. EIN

Q.13 E, F, G, W, X and Y live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. Only two people live between F and G. Only two people live between W and X. Only one person lives between Y and X. Y lives on floor numbered 1. F lives above X.
How many people live between E and W?

- Ans**
- ☐ 1. Four
 - ☒ 2. One
 - ☐ 3. Two
 - ☐ 4. Three

Q.14 Select the pair which follows the same pattern as that followed by the two set of pairs given below. Both pairs follow the same pattern.
KEH : NDJ
LJM : OIO

- Ans**
- ☐ 1. LSP : ORN
 - ☐ 2. GFF : JEG
 - ☒ 3. JUI : MTK
 - ☐ 4. OQJ : RPM

Q.15 12 is related to 144 following a certain logic. Following the same logic, 18 is related to 324. To which of the following is 14 related, following the same logic?

- Ans**
- ☐ 1. 187
 - ☐ 2. 234
 - ☒ 3. 196
 - ☐ 4. 457

Q.16 Below are given two sets of numbers. In each set of numbers, a certain mathematical operation on first number results in the second number. Similarly, certain mathematical operation on second number results in the third number and so on. Which of the given options follows the same set of operations as in question?

(NOTE – A two/three digit number cannot be broken into individual digits for operations e.g. if 37 is followed by 10, the operation cannot be 3+7 as a two digit number cannot be broken into individual digits.)

6 – 13 – 21 – 65;
2 – 9 – 13 – 41

- Ans**
- ☐ 1. 3 – 10 – 25 – 77
 - ☒ 2. 8 – 15 – 25 – 77
 - ☐ 3. 7 – 14 – 33 – 101
 - ☐ 4. 5 – 12 – 19 – 55

Q.17 A, B, C, D, E, F and G are sitting around a circular table, facing the centre. E sits second to the right of A. F sits second to the right of E. C sits to the immediate right of B. G sits second to the left of D.

How many people sit between D and A when counted from the left of D?

- Ans**
-  1. Four
 -  2. Three
 -  3. One
 -  4. Two

Q.18 In a certain code,

'not the you more' is coded as 'fg bv nm jk'
'not know only you' is coded as 'nm jk iu ws'
'more about thing a' is coded as 'er ty bv un'
'is know a you' is coded as 'nm ws bt ty'
(all the codes are two-letter codes only)

What is the possible code for 'thing'?

- Ans**
-  1. Either 'un' or 'bv'
 -  2. Either 'un' or 'er'
 -  3. Either 'bv' or 'ty'
 -  4. Either 'ty' or 'un'

Q.19 What should come in place of '?' in the given series?
24,35,46,57,68 ?

- Ans**
-  1. 81
 -  2. 80
 -  3. 78
 -  4. 79

Q.20 Krishika starts from point A and drives 8km towards West. He then takes a left turn and drives 3km. He takes a final left turn and drives 11km and stops at point B. Pam starts from point P, which is 12km East of point A, and drives 12km towards East. He then takes a right turn and drives 3km. He takes a final right turn and drives 4km and stops at point Q. What is the shortest distance between point Q and point B? (All turns are 90-degree turns only.)

- Ans**
-  1. 14km
 -  2. 16km
 -  3. 15km
 -  4. 17km

Section : **General Awareness**

Q.1 Which global pharmaceutical company inaugurated a technology and innovation center in Hyderabad in August 2025?

- Ans**
-  1. Pfizer
 -  2. Novartis
 -  3. Johnson & Johnson
 -  4. Eli Lilly

Q.2 Pandit Ravi Shankar was internationally renowned for playing which musical instrument?

- Ans**
-  1. Sarod
 -  2. Santoor
 -  3. Tabla
 -  4. Sitar

Q.3	Which part of the Eastern Coastal Plain is known as the Coromandel Coast?
Ans	 1. Central part  2. Northern part  3. Southern part  4. Entire eastern coast
Q.4	On the occasion of World Lion Day 2025, which state announced the successful transformation of Barda Wildlife Sanctuary into a secondary habitat for the Asiatic lion?
Ans	 1. Maharashtra  2. Gujarat  3. Madhya Pradesh  4. Rajasthan
Q.5	Which 7 th century dramatist mentioned the story of Chandragupta II and Ramagupta in the drama <i>Devichandraguptam</i> ?
Ans	 1. Bhasa  2. Kalidasa  3. Vishakhadatta  4. Banabhatta
Q.6	What must employers in West Bengal obtain from female employees before assigning night shift work under the new draft safety policy as of August 2025?
Ans	 1. Written consent  2. Government authorization  3. Medical fitness certificate  4. Verbal agreement
Q.7	Which statement of Dalton's atomic theory was later found to be incorrect due to the discovery of isotopes?
Ans	 1. Atoms of different elements combine in fixed ratios to form compounds  2. Chemical reactions involve the rearrangement of atoms among substances  3. Atoms of the same element are identical in mass and chemical properties  4. Matter is composed of extremely small particles called atoms
Q.8	Which of the following measures is suggested to streamline urban infrastructure project execution?
Ans	 1. Increasing railway subsidies  2. Privatisation of telecom services  3. Encouraging manual clearance procedures  4. Bidding out infrastructure projects only after sovereign clearances
Q.9	Which of the following is a non-constitutional body in India?
Ans	 1. Union Public Service Commission  2. Comptroller and Auditor General of India  3. Election Commission of India  4. National Human Rights Commission
Q.10	The 'Alipore Bomb Case', described as the first state trial of any magnitude in India, began in which year?
Ans	 1. 1906  2. 1907  3. 1908  4. 1905

Q.11	Which term refers to the power of courts in India to examine whether laws are consistent with the Constitution?
Ans	✗ 1. Judicial activism ✓ 2. Judicial review ✗ 3. Judicial restraint ✗ 4. Judicial precedent
Q.12	Who among the following extremist leaders reinterpreted Vedanta philosophy to support his concept of Indian nationalism?
Ans	✗ 1. Bipin Chandra Pal ✗ 2. Lala Lajpat Rai ✓ 3. Aurobindo Ghose ✗ 4. Bal Gangadhar Tilak
Q.13	Which constitutional provision enables the creation of Ward Committees in municipalities having a population of three lakh or more?
Ans	✓ 1. Article 243S ✗ 2. Article 243P ✗ 3. Article 243ZG ✗ 4. Article 243U
Q.14	In October 2025, which Indian actor-singer earned his first International Emmy nomination for his portrayal of Punjabi folk legend Amar Singh Chamkila in Imtiaz Ali's Netflix biopic?
Ans	✓ 1. Diljit Dosanjh ✗ 2. Vicky Kaushal ✗ 3. Ayushmann Khurrana ✗ 4. Ranveer Singh
Q.15	In which year was the Smart Cities Mission, which aims to drive economic growth and improve the quality of life through comprehensive work on the social, economic, physical and institutional pillars of cities, launched?
Ans	✓ 1. 2015 ✗ 2. 2009 ✗ 3. 2013 ✗ 4. 2019
Q.16	Which of the following pairs of natural vegetation type and characteristic region in India is correctly matched?
Ans	✗ 1. Montane forests – Ganga–Brahmaputra delta ✓ 2. Mangrove forests – Sundarbans delta ✗ 3. Thorn forests and scrubs – Western Ghats windward slopes ✗ 4. Tropical evergreen forests – Interior of Rajasthan
Q.17	Which article of the Constitution of India provides for the establishment of the Finance Commission?
Ans	✓ 1. Article 280 ✗ 2. Article 324 ✗ 3. Article 312 ✗ 4. Article 275
Q.18	Where was the World Artificial Intelligence Conference held in July 2025?
Ans	✗ 1. Davos ✗ 2. New York ✓ 3. Shanghai ✗ 4. Brussels

Q.19 According to the eligibility criteria under the PM-eBus Sewa scheme, which of the following cities would qualify for assistance based on the 2011 Census population?

- Ans**
-  1. A non-capital city with a population above 40 lakh and a State/UT Capital with a population above 3 lakh.
 -  2. A non-capital city with a population below 3 lakh and a State/UT Capital with a population between 3 and 40 lakh.
 -  3. A non-capital city with a population between 3 and 40 lakh and a State/UT Capital with less than 3 lakh population.
 -  4. A non-capital city with a population above 40 lakh and a State/UT Capital with a population between 3 and 40 lakh.

Q.20 Which element is primarily responsible for the vast structural diversity of biomolecules found in living organisms?

- Ans**
-  1. Hydrogen
 -  2. Carbon
 -  3. Nitrogen
 -  4. Oxygen

Section : **Numerical Aptitude and Data Interpretation**

Q.1 The total surface area (in m²) of a closed cube, each of whose edges measures 298 m, is:

- Ans**
-  1. 532782
 -  2. 532824
 -  3. 532761
 -  4. 532860

Q.2 P has 70% more money than C, while Q has 31% more money than C. What is the ratio of Q's money to P's money?

- Ans**
-  1. 131:170
 -  2. 129:177
 -  3. 130:174
 -  4. 128:172

Q.3 ₹4898 is divided among A, B, C and D in such a way that the shares of A and B, B and C, and C and D are in the ratios of 2 : 3, 4 : 5 and 10 : 3, respectively. The share of A (in ₹) is:

- Ans**
-  1. 1112
 -  2. 902
 -  3. 992
 -  4. 1062

Q.4 The average height of a group of 9 students is 131 cm. Two more students of height 178 cm and 119 cm joined the group and 3 students of average height 194 cm leave the group. What is the new average height (in cm, rounded off to one decimal place) of the group after the changes?

- Ans**
-  1. 108.6
 -  2. 109.9
 -  3. 106.4
 -  4. 111.8

Q.5 Two pipes A and B can fill a tank in 28 hours and 11 hours, respectively. If both the pipes are opened simultaneously, then the time taken to fill the tank is:

Ans

 1. $3\frac{35}{39} \text{ hours}$

 2. $13\frac{35}{39} \text{ hours}$

 3. $7\frac{35}{39} \text{ hours}$

 4. $12\frac{35}{39} \text{ hours}$

Q.6

The value of $\frac{5}{4} + \left(\frac{1}{1 + \frac{2}{7}} \right) - \frac{3}{5}$

Ans

 1. $\frac{248}{179}$

 2. $\frac{267}{190}$

 3. $\frac{257}{180}$

 4. $\frac{252}{181}$

Q.7 Utsavi travels daily to her office, which is 6 km away from her home. In the morning, she covers the distance in 1 hour, whereas while returning home in the evening, she takes 15 minutes more to cover the same distance. Find her average speed (in km/h) during the two-way journey.

Ans

 1. $\frac{19}{3}$

 2. $\frac{14}{3}$

 3. $\frac{17}{3}$

 4. $\frac{16}{3}$

Q.8 An article is sold at a profit of 44%. If the cost price is increased by ₹25 and the selling price is reduced by ₹16, then the profit would be 40.8%. What is the original cost price (in ₹) of the article?

Ans

 1. 1500

 2. 1800

 3. 1900

 4. 1600

Q.9 During a trip, a woman travels the first 230 km at 46 km/h, the next 90 km at 30 km/h, and the final 424 km at 53 km/h. Find her average speed (in km/h) for the whole trip.

Ans

 1. 46.5

 2. 39.1

 3. 43.9

 4. 52.4

Q.10 Pipe A and Pipe B can fill a tank in 72 minutes and 90 minutes, respectively. Pipe C is an outlet pipe. When all three pipes are opened simultaneously, the tank gets completely filled in 4 hours. If Pipes A and B are opened together in an empty tank for the first 15 minutes and are then closed, after which Pipe C is opened immediately, in how many minutes will Pipe C empty the tank completely?

- Ans
- ☐ 1. 32
 - ☐ 2. 24
 - ☒ 3. 18
 - ☐ 4. 40

Q.11 Find the value of m for which it satisfies.

$$\left(\frac{18}{5}\right)^{14} \times \left(\frac{5}{18}\right)^2 \times \left(\frac{18}{5}\right)^9 = \left(\frac{5}{18}\right)^{4m+8}$$

- Ans
- ☐ 1. $-\frac{39}{4}$
 - ☐ 2. $-\frac{31}{4}$
 - ☐ 3. $-\frac{33}{4}$
 - ☒ 4. $-\frac{29}{4}$

Q.12 The total surface area of a solid hemisphere is 73 cm^2 . Its radius (in cm) is:

(Take $\pi = \frac{22}{7}$)

- Ans
- ☒ 1. $\sqrt{\frac{511}{66}}$
 - ☐ 2. $\sqrt{\frac{517}{66}}$
 - ☐ 3. $\sqrt{\frac{517}{67}}$
 - ☐ 4. $\sqrt{\frac{515}{132}}$

Q.13 What percentage of the natural numbers from 1 to 140 have 1 or 8 in the units' digit?

- Ans
- ☐ 1. 16%
 - ☐ 2. 21%
 - ☒ 3. 20%
 - ☐ 4. 17%

Q.14 A 50 cm long hollow cylindrical pipe has an outer circumference of 220 cm and is made of cement 5 cm thick. The volume of the cement used is _____. [Use $\pi = \frac{22}{7}$ wherever necessary.]

- Ans
- ☒ 1. $16250\pi \text{ cm}^3$
 - ☐ 2. $16205\pi \text{ cm}^3$
 - ☐ 3. $16520\pi \text{ cm}^3$
 - ☐ 4. $16502\pi \text{ cm}^3$

Q.15 At what annual rate of interest will ₹3400 yield ₹850 as simple interest in 5 years?

- Ans**
- ☒ 1. 5%
 - ☐ 2. 4%
 - ☐ 3. 8%
 - ☐ 4. 7%

Q.16 A shopkeeper marks his articles at such a price that, even after allowing a discount of 36% on the marked price, he earns a profit of 12%. What is the marked price of one article, which costs ₹1400?

- Ans**
- ☐ 1. ₹2350
 - ☒ 2. ₹2450
 - ☐ 3. ₹2550
 - ☐ 4. ₹2250

Q.17 Study the given table to answer the following question

The table shows the centre and post-wise number of candidates who applied against a job-vacancy advertisement.

Centre	Clerk	Officer	Field Officer	Supervisor	Field Supervisor
Chandigarh	50	30	40	30	60
Mumbai	170	15	25	30	60
Kolkata	195	17	70	50	80
Chennai	200	13	30	60	90
Lucknow	153	14	40	20	40
Delhi	111	10	20	40	30

Which centre has the least number of candidates when applications for all posts are considered together?

- Ans**
- ☐ 1. Lucknow
 - ☐ 2. Mumbai
 - ☒ 3. Chandigarh
 - ☐ 4. Delhi

Q.18 $7899.4 \times 247.5 \times 0.0546$ is equal in value to:

- Ans**
- ☐ 1. $7.8994 \times 2.475 \times 54.6$
 - ☐ 2. $7.8994 \times 24.75 \times 5.46$
 - ☒ 3. $78.994 \times 2475 \times 0.546$
 - ☐ 4. $789.94 \times 247.5 \times 54.6$

Q.19 A man sold an article for ₹135, thereby gaining 12.5%. The cost price (in ₹) of the article for the seller was:

- Ans**
- ☐ 1. 122
 - ☐ 2. 118
 - ☒ 3. 120
 - ☐ 4. 124

Q.20 Find the compound interest on ₹56,800 at 5% per annum for 2 years, compounded annually.

- Ans**
- ☐ 1. ₹5,832
 - ☐ 2. ₹5,842
 - ☐ 3. ₹5,852
 - ☒ 4. ₹5,822

Q.1 Complete the sentence with the appropriate option.

The anthropologist's findings were met with skepticism, as they conflicted sharply _____ prevailing theories of kinship evolution across matrilineal societies.

- Ans**
- ☐ 1. within
 - ☐ 2. by
 - ☒ 3. with
 - ☐ 4. against

Q.2 Choose the appropriate question tag to fill in the blank.

Let's not analyse the data from a different perspective, _____?

- Ans**
- ☐ 1. would we
 - ☐ 2. wouldn't we
 - ☒ 3. shall we
 - ☐ 4. shan't we

Q.3 Select the appropriate option to complete the sentence.

The child spoke ____, walked ____ across the room, and then laughed ____ at the joke.

- Ans**
- ☐ 1. loudness, slow, joyfully
 - ☒ 2. loudly, quickly, joyfully
 - ☐ 3. loudly, joyfully, slowly
 - ☐ 4. softly, slowly, funny

Q.4 Select the synonym of the highlighted word in the conversation.

Roommate A: You really need to ameliorate your communication skills.

Roommate B: I know, I tend to become defensive even when it's not personal.

- Ans**
- ☒ 1. Improve
 - ☐ 2. Mimic
 - ☐ 3. Rehearse
 - ☐ 4. Justify

Q.5 The following paragraph contains spelling errors. Choose the option that corrects the misspelled words.

The historical account portrayed the king not as a tyrant, but as a pusilanimous leader, whose indecisiveness in the face of rebellion led directly to the collapse of his dynasty. His chronic inability to rally his forces or negotiate with his opponents showcased a fattal lack of resolve, which ultimately proved more destructive than any act of cruelty. This narrative reframes his downfall not as a consequence of malice, but as a tragic result of a leader paralyzed by fear and inaction.

- Ans**
- ☐ 1. pusilannimous; fatale
 - ☐ 2. pusillanamous; fatle
 - ☒ 3. pusillanimous; fatal
 - ☐ 4. pussilanimous; fetel

Q.6 In the following sentence, a segment has been given in brackets. You are required to replace the segment with the correct proverb given in the options.

Neha paid her electricity bill using the money she had kept aside for groceries. Now she doesn't know how she'll manage the week's meals. In trying to solve one problem, she ended up creating another; it was simply (an attempt to fix a crisis by causing a new one).

- Ans**
- ☐ 1. penny wise, pound foolish
 - ☐ 2. the end justifying the means
 - ☒ 3. like robbing Peter to pay Paul
 - ☐ 4. a matter of you can't have your cake and eat it too

Q.7 Select the antonym of the highlighted word in the conversation.

Panelist A: His arguments were extremely tendentious, revealing a strong bias.

Panelist B: I thought his tone was rather measured and impartial.

- Ans**
- ☒ 1. Superficial
 - ☒ 2. Dogmatic
 - ☒ 3. Equivocal
 - ☒ 4. Dispassionate

Q.8 Complete the given sentence with the appropriate option.

Although the political manifesto was linguistically refined, it ultimately failed to _____ the electorate's growing disillusionment with rhetorical flourishes devoid of actionable commitments.

- Ans**
- ☒ 1. appease
 - ☒ 2. invoke
 - ☒ 3. culminate
 - ☒ 4. negate

Q.9 Read the following paragraph and identify the misspelled word.

The archeologists carefully excavated the desiccated remains of the ancient flora, which had been remarkably preserved for millennia in the arid desert climate. Its fragile condition required immediate and specialized conservation efforts to prevent disintegration upon exposure to air.

- Ans**
- ☒ 1. archeologists
 - ☒ 2. desiccated
 - ☒ 3. disintegration
 - ☒ 4. millennia

Q.10 Rearrange the jumbled sentences in the correct order to form a coherent paragraph.

A. This artistic style, which flourished in Europe, is characterized by drama, deep color, and intense light and dark shadows.

B. Artists like Caravaggio and Bernini are prime exemplars of this movement, using its techniques to powerful effect.

C. Unlike the calm rationality of the Renaissance that preceded it, Baroque art sought to evoke emotion and passion.

D. Its development was encouraged by the Catholic Church, which wanted artworks to communicate religious themes in a direct and emotional way.

- Ans**
- ☒ 1. C - A - D - B
 - ☒ 2. D - C - A - B
 - ☒ 3. B - D - C - A
 - ☒ 4. A - C - D - B

Q.11 Choose the word that can best substitute the highlighted phrase:

In many fictional dystopias, the society is ruled by a(an) form of government in which power is held by the wealthiest people, where the elite control all political and economic levers. Under this system, the impoverished majority have little say, and policies are crafted to further enrich the powerful, often at the expense of the public good. This stark division between the haves and have-nots creates a society driven by greed and inequality.

- Ans**
- ☒ 1. Meritocracy
 - ☒ 2. Theocracy
 - ☒ 3. Aristocracy
 - ☒ 4. Plutocracy

Q.12 Choose the word that can best substitute the highlighted phrase in the given paragraph:

In discussions of psychology and modern literature, writers often explore emotional states that reflect inner emptiness or existential fatigue. One such state is “A feeling of pervasive weariness and profound dissatisfaction arising from a lack of purpose or excitement.” This condition is frequently depicted as the defining struggle of characters who find no meaning in their comfortable, yet stagnant, social environments.

- Ans**
- ☒ 1. Lethargy
 - ☐ 2. Ennui
 - ☒ 3. Melancholy
 - ☒ 4. Apathy

Q.13 Choose the correct segment to complete the sentence.

The hypothesis is widely accepted in contemporary linguistics, _____?

- Ans**
- ☒ 1. isn't it
 - ☒ 2. does it
 - ☒ 3. won't it
 - ☒ 4. is it

Q.14 In the following statement, a segment has been given in brackets. You are required to replace the segment with the correct proverb given in the options.

The teacher asked the class to share their views on the new school rule. Some supported it, while others strongly disagreed. It was clear that (people have different opinions and don't always think alike).

- Ans**
- ☒ 1. one man's trash is another man's treasure
 - ☒ 2. many men, many minds
 - ☒ 3. two heads are better than one
 - ☒ 4. the squeaky wheel gets the grease

Q.15 Rearrange the jumbled sentences in the correct order to form a coherent paragraph.

A. Through this method of disciplined questioning, the interlocutor is guided to re-examine their own beliefs.

B. The Socratic method is not about providing answers but about exposing contradictions in one's own thoughts.

C. It begins with the philosopher feigning ignorance on a subject to encourage a more open dialogue.

D. The ultimate goal is to stimulate critical thinking and illuminate ideas, rather than to win an argument.

- Ans**
- ☒ 1. C - A - B - D
 - ☒ 2. B - D - C - A
 - ☒ 3. D - B - A - C
 - ☒ 4. B - C - A - D

Comprehension:

Read the given passage carefully and answer the questions that follow.

Honesty and integrity are essential qualities for building trust and fostering strong relationships, both personally and professionally. Honesty involves being truthful and transparent in one's actions and words, while integrity means adhering to moral values and principles. Together, they lay the foundation for trust, mutual respect, and open communication in any relationship. When individuals demonstrate honesty and integrity, they become reliable and dependable. They keep their promises, take responsibility for their actions, and act in the best interests of others. This builds confidence and reassurance, as others trust they will not deceive or betray them. Trust, being the cornerstone of healthy relationships, is crucial for maintaining long-term bonds. Furthermore, these values promote mutual respect and understanding. Honesty shows respect for oneself and others by encouraging openness, while integrity fosters consistency and dependability. These qualities enable productive and respectful relationships built on mutual understanding.

In addition to strengthening relationships, honesty and integrity contribute to personal growth and self-respect. Being true to one's values allows individuals to live with a clear conscience and strong sense of self-worth. In the workplace, these values enhance communication, motivation, productivity, and employee loyalty. They also build customer trust and encourage positive word of mouth, making honesty and integrity vital for individual and organizational success.

Moreover, people who consistently uphold these values serve as role models, inspiring others to act ethically and responsibly. In leadership roles, honesty and integrity establish credibility and foster a culture of transparency and accountability. When leaders exemplify these traits, they cultivate environments where employees feel valued, respected, and motivated to contribute meaningfully. Thus, honesty and integrity are not just admirable traits—they are transformative forces that shape personal character, build professional credibility, and nurture lasting success.

SubQuestion No : 16

Q.16 Identify the most suitable title for the passage.

- Ans**
-  1. Building Trust Through Words and Deeds
 -  2. The Role of Honesty and Integrity in Life
 -  3. Why Business Leaders Value Moral Conduct
 -  4. Self-Worth and Success in the Workplace

Comprehension:

Read the given passage carefully and answer the questions that follow.

Honesty and integrity are essential qualities for building trust and fostering strong relationships, both personally and professionally. Honesty involves being truthful and transparent in one's actions and words, while integrity means adhering to moral values and principles. Together, they lay the foundation for trust, mutual respect, and open communication in any relationship. When individuals demonstrate honesty and integrity, they become reliable and dependable. They keep their promises, take responsibility for their actions, and act in the best interests of others. This builds confidence and reassurance, as others trust they will not deceive or betray them. Trust, being the cornerstone of healthy relationships, is crucial for maintaining long-term bonds. Furthermore, these values promote mutual respect and understanding. Honesty shows respect for oneself and others by encouraging openness, while integrity fosters consistency and dependability. These qualities enable productive and respectful relationships built on mutual understanding.

In addition to strengthening relationships, honesty and integrity contribute to personal growth and self-respect. Being true to one's values allows individuals to live with a clear conscience and strong sense of self-worth. In the workplace, these values enhance communication, motivation, productivity, and employee loyalty. They also build customer trust and encourage positive word of mouth, making honesty and integrity vital for individual and organizational success.

Moreover, people who consistently uphold these values serve as role models, inspiring others to act ethically and responsibly. In leadership roles, honesty and integrity establish credibility and foster a culture of transparency and accountability. When leaders exemplify these traits, they cultivate environments where employees feel valued, respected, and motivated to contribute meaningfully. Thus, honesty and integrity are not just admirable traits—they are transformative forces that shape personal character, build professional credibility, and nurture lasting success.

SubQuestion No : 17

Q.17 Identify the central theme of the passage.

- Ans**
-  1. Success requires careful personal branding.
 -  2. Honesty and integrity strengthen relationships.
 -  3. Open dialogue builds customer loyalty.
 -  4. Trust is more important than communication.

Comprehension:

Read the given passage carefully and answer the questions that follow.

Honesty and integrity are essential qualities for building trust and fostering strong relationships, both personally and professionally. Honesty involves being truthful and transparent in one's actions and words, while integrity means adhering to moral values and principles. Together, they lay the foundation for trust, mutual respect, and open communication in any relationship. When individuals demonstrate honesty and integrity, they become reliable and dependable. They keep their promises, take responsibility for their actions, and act in the best interests of others. This builds confidence and reassurance, as others trust they will not deceive or betray them. Trust, being the cornerstone of healthy relationships, is crucial for maintaining long-term bonds. Furthermore, these values promote mutual respect and understanding. Honesty shows respect for oneself and others by encouraging openness, while integrity fosters consistency and dependability. These qualities enable productive and respectful relationships built on mutual understanding.

In addition to strengthening relationships, honesty and integrity contribute to personal growth and self-respect. Being true to one's values allows individuals to live with a clear conscience and strong sense of self-worth. In the workplace, these values enhance communication, motivation, productivity, and employee loyalty. They also build customer trust and encourage positive word of mouth, making honesty and integrity vital for individual and organizational success.

Moreover, people who consistently uphold these values serve as role models, inspiring others to act ethically and responsibly. In leadership roles, honesty and integrity establish credibility and foster a culture of transparency and accountability. When leaders exemplify these traits, they cultivate environments where employees feel valued, respected, and motivated to contribute meaningfully. Thus, honesty and integrity are not just admirable traits—they are transformative forces that shape personal character, build professional credibility, and nurture lasting success.

SubQuestion No : 18

Q.18 Identify the inference drawn from the passage.

- Ans**
-  1. Customers rarely value open behaviour.
 -  2. Integrity helps sustain long-term trust.
 -  3. Trust can replace all workplace values.
 -  4. Only rules guarantee employee loyalty.

Comprehension:

Read the given passage carefully and answer the questions that follow.

Honesty and integrity are essential qualities for building trust and fostering strong relationships, both personally and professionally. Honesty involves being truthful and transparent in one's actions and words, while integrity means adhering to moral values and principles. Together, they lay the foundation for trust, mutual respect, and open communication in any relationship. When individuals demonstrate honesty and integrity, they become reliable and dependable. They keep their promises, take responsibility for their actions, and act in the best interests of others. This builds confidence and reassurance, as others trust they will not deceive or betray them. Trust, being the cornerstone of healthy relationships, is crucial for maintaining long-term bonds. Furthermore, these values promote mutual respect and understanding. Honesty shows respect for oneself and others by encouraging openness, while integrity fosters consistency and dependability. These qualities enable productive and respectful relationships built on mutual understanding.

In addition to strengthening relationships, honesty and integrity contribute to personal growth and self-respect. Being true to one's values allows individuals to live with a clear conscience and strong sense of self-worth. In the workplace, these values enhance communication, motivation, productivity, and employee loyalty. They also build customer trust and encourage positive word of mouth, making honesty and integrity vital for individual and organizational success.

Moreover, people who consistently uphold these values serve as role models, inspiring others to act ethically and responsibly. In leadership roles, honesty and integrity establish credibility and foster a culture of transparency and accountability. When leaders exemplify these traits, they cultivate environments where employees feel valued, respected, and motivated to contribute meaningfully. Thus, honesty and integrity are not just admirable traits—they are transformative forces that shape personal character, build professional credibility, and nurture lasting success.

SubQuestion No : 19

Q.19 Identify the tone of the passage.

- Ans**
-  1. Sarcastic and emotionally detached
 -  2. Persuasive with a mocking attitude
 -  3. Humorous and light-hearted in tone
 -  4. Reflective and positive in expression

Comprehension:

Read the given passage carefully and answer the questions that follow.

Honesty and integrity are essential qualities for building trust and fostering strong relationships, both personally and professionally. Honesty involves being truthful and transparent in one's actions and words, while integrity means adhering to moral values and principles. Together, they lay the foundation for trust, mutual respect, and open communication in any relationship. When individuals demonstrate honesty and integrity, they become reliable and dependable. They keep their promises, take responsibility for their actions, and act in the best interests of others. This builds confidence and reassurance, as others trust they will not deceive or betray them. Trust, being the cornerstone of healthy relationships, is crucial for maintaining long-term bonds. Furthermore, these values promote mutual respect and understanding. Honesty shows respect for oneself and others by encouraging openness, while integrity fosters consistency and dependability. These qualities enable productive and respectful relationships built on mutual understanding.

In addition to strengthening relationships, honesty and integrity contribute to personal growth and self-respect. Being true to one's values allows individuals to live with a clear conscience and strong sense of self-worth. In the workplace, these values enhance communication, motivation, productivity, and employee loyalty. They also build customer trust and encourage positive word of mouth, making honesty and integrity vital for individual and organizational success. Moreover, people who consistently uphold these values serve as role models, inspiring others to act ethically and responsibly. In leadership roles, honesty and integrity establish credibility and foster a culture of transparency and accountability. When leaders exemplify these traits, they cultivate environments where employees feel valued, respected, and motivated to contribute meaningfully. Thus, honesty and integrity are not just admirable traits—they are transformative forces that shape personal character, build professional credibility, and nurture lasting success.

SubQuestion No : 20

Q.20 Identify the antonym of the word 'enhance' as used in the passage.

- Ans
- ☒ 1. Boost
 - ☒ 2. Rejuvenate
 - ☒ 3. Improve
 - ☒ 4. Diminish

Section : Hindi Language and Comprehension

Q.1 ' जिसकी भुजाएँ घुटनों तक लम्बी हों ' वाक्यांश के लिए एक सार्थक शब्द होगा -

- Ans
- ☒ 1. आजानेय
 - ☒ 2. आजानुबाहु
 - ☒ 3. आजीवक
 - ☒ 4. बाहुदंती

Q.2 नीचे दी गई लोकोक्ति का उचित अर्थ दिए गए विकल्पों में से चुनिए-
आँख ओट पहाड़ ओट

- Ans
- ☒ 1. परम शान्ति
 - ☒ 2. आँख पर परदा पड़ा है तो क्या सूझो!
 - ☒ 3. बनावटी दुख प्रकट करना
 - ☒ 4. आँख से ओझल हुए तो समझो कि बहुत दूर हो गए

Q.3 दिये गए वाक्य के रेखांकित शब्द का सबसे उपयुक्त विलोम शब्द चुनिए -

अतिथियों का सत्कार भारतीयों की परंपरा रही है।

- Ans
- ☒ 1. तिरस्कार
 - ☒ 2. निर्दयी
 - ☒ 3. आदर
 - ☒ 4. सम्मान

Q.4 'उन्होंने दिल्ली में एक सभा का संघठन किया।' वाक्य के किस अंश में त्रुटि है?

- Ans
- ☒ 1. उन्होंने
 - ☒ 2. संघठन किया।
 - ☒ 3. एक सभा का
 - ☒ 4. दिल्ली में

Q.5 रेखांकित शब्द का पर्यायवाची क्या है?
मुगल काल में राजा हाथी पर बैठकर युद्धभूमि में जाते थे।

- Ans
- ☒ 1. तुरंग
 - ☒ 2. कुंजर
 - ☒ 3. तनुज
 - ☒ 4. सैन्धव

Q.6 वाक्य के रिक्त स्थान को उचित क्रियाविशेषण से पूर्ण कीजिए।
रमेशगिर पड़ा।

- Ans
- ☒ 1. ठीक
 - ☒ 2. यथाशक्ति
 - ☒ 3. भर
 - ☒ 4. अचानक

Q.7 वाक्य के रिक्त स्थान को न्यूनताबोधक क्रियाविशेषण से पूर्ण कीजिए।
मैं आजखाऊंगा।

- Ans
- ☒ 1. केवल
 - ☒ 2. अधिक
 - ☒ 3. बिल्कुल
 - ☒ 4. थोड़ा

Q.8 दिये गये वाक्य का सही क्रम होगा -
'पूँजीवादी व्यवस्था ने उन्हें सम्मोहक आश्वासन अधिक दिये हैं, प्रत्यक्ष लाभ बहुत कम।'

- Ans
- ☒ 1. प्रत्यक्ष बहुत कम लाभ, सम्मोहक उन्हें आश्वासन व्यवस्था ने पूँजीवादी अधिक दिये हैं।
 - ☒ 2. पूँजीवादी व्यवस्था ने उन्हें सम्मोहक आश्वासन अधिक दिये हैं, प्रत्यक्ष लाभ बहुत कम।
 - ☒ 3. व्यवस्था ने पूँजीवादी सम्मोहक उन्हें आश्वासन अधिक दिये हैं, प्रत्यक्ष लाभ बहुत कम।
 - ☒ 4. सम्मोहक उन्हें आश्वासन व्यवस्था ने पूँजीवादी अधिक दिये हैं, प्रत्यक्ष बहुत कम लाभ।

Q.9 'उनके निधन से देश की अपूरणीय छति हुई।' वाक्य के किस अंश में त्रुटि है?

- Ans
- ☒ 1. उनके निधन से
 - ☒ 2. छति हुई।
 - ☒ 3. अपूरणीय
 - ☒ 4. देश की

Q.10 'जिसका आदर न किया गया हो' वाक्यांश के लिए एक सार्थक शब्द होगा -

- Ans
- ☒ 1. अज्ञेय
 - ☒ 2. अयाचित
 - ☒ 3. अन्यमनस्क
 - ☒ 4. अनादृत

Q.11 निम्नलिखित मुहावरे का अर्थ पहचानें -
खून का प्यासा -

- Ans
- ☒ 1. जानी दुश्मन
 - ☒ 2. प्यारा मित्र
 - ☒ 3. जिगरी दोस्त
 - ☒ 4. जान के करीब

Q.12 सही विकल्प चुनकर वाक्य पूर्ण करें-
जिस शब्द से क्रिया की विशेषता प्रकट होती है उसे-----कहते हैं

- Ans
- ☒ 1. अव्यय
 - ☒ 2. विशेषण
 - ☒ 3. क्रिया
 - ☒ 4. क्रिया विशेषण

Q.13 निम्नलिखित वाक्य के रिक्त स्थान को भरने के लिए सबसे उपयुक्त क्रिया-विशेषण वाले विकल्प का चयन करें-
बच्चे ने _____ अपना काम पूरा किया ताकि शिक्षक से सराहना मिल सके ।

- Ans**
- ☒ 1. आधा-अधूरे
 - ☒ 2. जल्दी-जल्दी
 - ☒ 3. सोते-रोते
 - ☒ 4. गिरते-उठते

Q.14 दिये गये वाक्य का सही क्रम होगा-
आपसी सहयोग तीसरे विश्व के देश और सहायता बढ़ाकर आंशिक रूप से पराश्रय से बच सकते हैं ।

- Ans**
- ☒ 1. सहयोग तीसरे आपसी विश्व के देश और सहायता आंशिक रूप से बढ़ाकर से पराश्रय बच सकते हैं ।
 - ☒ 2. तीसरे विश्व के देश आपसी सहयोग और आंशिक रूप से पराश्रय से बच सकते हैं सहायता बढ़ाकर ।
 - ☒ 3. सहायता आंशिक रूप से बढ़ाकर सहयोग तीसरे आपसी विश्व के देश और से पराश्रय बच सकते हैं ।
 - ☒ 4. तीसरे विश्व के देश आपसी सहयोग और सहायता बढ़ाकर आंशिक रूप से पराश्रय से बच सकते हैं ।

Q.15 रीतिवाचक क्रिया विशेषण से वाक्य पूर्ण करें -
अंकिता ----- पढ़ती है

- Ans**
- ☒ 1. इसलिए
 - ☒ 2. जोर से
 - ☒ 3. तुरंत
 - ☒ 4. दाएं

Comprehension:

प्रस्तुत गद्यांश के आधार पर पूछे गए प्रश्नों के उत्तर दीजिए-
विकास की क्रिया के मूल में मानव की पूर्ण बनने की अपनी प्रेरणा है । विकास के लिए समन्वय का भाव होना परम आवश्यक होता है । जीवन में विकास और पूर्णता पाने के लिए स्वीकार की भावना और समन्वय का बोध साथ-साथ आवश्यक होते हैं । किसी एक विचारधारा के संकीर्ण दायरे से बंधने की बजाय विभिन्न विचारधाराओं का सार-संग्रह करके मनुष्य अधिक संतुलित विकास कर सकता है । यदि हम विभिन्न विचारधाराओं और उनके जन्मदाता महापुरुषों का पूर्ण खण्डन अथवा पूर्ण मण्डन करें तो विकास-पथ अवरुद्ध हो जाएगा । अतएव समन्वय की भावना से युक्त होकर सब ओर से सार वस्तुओं को ग्रहण करते हुए हम उनका लाभ उठा सकते हैं । किसी धर्म-विशेष या मान्यताओं के खूँटे के साथ संकीर्ण भाव से बंधकर तथा परम्पराओं और रूढ़ियों से जकड़े हुए हम आगे नहीं बढ़ सकते हैं । संकीर्णता का त्याग इस समझ में भी निहित है कि मानव को मानव होने का बोध कराके ही उसे देश, जाति, धर्म के भेदों से ऊपर उठाया जा सकता है । मानव को मानव के रूप में सम्मानित करके ही हम जातीयता, प्रान्तीयता, संकुचित राष्ट्रीयता आदि के भेद को तोड़ सकते हैं । आज मानव ही मानव से दूर होता जा रहा है । वह भूल चुका है कि देश, धर्म, जाति के भिन्न होते हुए भी हम सर्वप्रथम मानव हैं ।

SubQuestion No : 16

Q.16 विकास के लिए कौन-सी भावना आवश्यक बताई गई है?

- Ans**
- ☒ 1. विरोध
 - ☒ 2. समन्वय
 - ☒ 3. संकीर्णता
 - ☒ 4. अलगाव

Comprehension:

प्रस्तुत गद्यांश के आधार पर पूछे गए प्रश्नों के उत्तर दीजिए-
विकास की क्रिया के मूल में मानव की पूर्ण बनने की अपनी प्रेरणा है । विकास के लिए समन्वय का भाव होना परम आवश्यक होता है । जीवन में विकास और पूर्णता पाने के लिए स्वीकार की भावना और समन्वय का बोध साथ-साथ आवश्यक होते हैं । किसी एक विचारधारा के संकीर्ण दायरे से बंधने की बजाय विभिन्न विचारधाराओं का सार-संग्रह करके मनुष्य अधिक संतुलित विकास कर सकता है । यदि हम विभिन्न विचारधाराओं और उनके जन्मदाता महापुरुषों का पूर्ण खण्डन अथवा पूर्ण मण्डन करें तो विकास-पथ अवरुद्ध हो जाएगा । अतएव समन्वय की भावना से युक्त होकर सब ओर से सार वस्तुओं को ग्रहण करते हुए हम उनका लाभ उठा सकते हैं । किसी धर्म-विशेष या मान्यताओं के खूँटे के साथ संकीर्ण भाव से बंधकर तथा परम्पराओं और रूढ़ियों से जकड़े हुए हम आगे नहीं बढ़ सकते हैं । संकीर्णता का त्याग इस समझ में भी निहित है कि मानव को मानव होने का बोध कराके ही उसे देश, जाति, धर्म के भेदों से ऊपर उठाया जा सकता है । मानव को मानव के रूप में सम्मानित करके ही हम जातीयता, प्रान्तीयता, संकुचित राष्ट्रीयता आदि के भेद को तोड़ सकते हैं । आज मानव ही मानव से दूर होता जा रहा है । वह भूल चुका है कि देश, धर्म, जाति के भिन्न होते हुए भी हम सर्वप्रथम मानव हैं ।

SubQuestion No : 17

Q.17 मानव को किस रूप में सम्मानित करने पर भेदभाव भिट सकता है?

- Ans**
- ☒ 1. जाति के आधार पर
 - ☒ 2. मानव के रूप में
 - ☒ 3. राष्ट्र के आधार पर
 - ☒ 4. धर्म के आधार पर

Comprehension:

प्रस्तुत गद्यांश के आधार पर पूछे गए प्रश्नों के उत्तर दीजिए-

विकास की क्रिया के मूल में मानव की पूर्ण बनने की अपनी प्रेरणा है। विकास के लिए समन्वय का भाव होना परम आवश्यक होता है। जीवन में विकास और पूर्णता पाने के लिए स्वीकार की भावना और समन्वय का बोध साथ-साथ आवश्यक होते हैं। किसी एक विचारधारा के संकीर्ण दायरे से बंधने की बजाय विभिन्न विचारधाराओं का सार-संग्रह करके मनुष्य अधिक संतुलित विकास कर सकता है। यदि हम विभिन्न विचारधाराओं और उनके जन्मदाता महापुरुषों का पूर्ण खण्डन अथवा पूर्ण मण्डन करें तो विकास-पथ अवरुद्ध हो जाएगा। अतएव समन्वय की भावना से युक्त होकर सब ओर से सार वस्तुओं को ग्रहण करते हुए हम उनका लाभ उठा सकते हैं। किसी धर्म-विशेष या मान्यताओं के खूँटे के साथ संकीर्ण भाव से बंधकर तथा परम्पराओं और रूढ़ियों से जकड़े हुए हम आगे नहीं बढ़ सकते हैं। संकीर्णता का त्याग इस समझ में भी निहित है कि मानव को मानव होने का बोध कराके ही उसे देश, जाति, धर्म के भेदों से ऊपर उठाया जा सकता है। मानव को मानव के रूप में सम्मानित करके ही हम जातीयता, प्रान्तीयता, संकुचित राष्ट्रीयता आदि के भेद को तोड़ सकते हैं। आज मानव ही मानव से दूर होता जा रहा है। वह भूल चुका है कि देश, धर्म, जाति के भिन्न होते हुए भी हम सर्वप्रथम मानव हैं।

SubQuestion No : 18

Q.18 प्रस्तुत गद्यांश का केंद्रीय भाव क्या है?

- Ans
-  1. परम्पराओं का अंधानुकरण
 -  2. संकीर्ण विचारधारा का समर्थन
 -  3. केवल राष्ट्रीयता का प्रचार
 -  4. समन्वय, स्वीकार्यता और मानवता के माध्यम से संतुलित विकास

Comprehension:

प्रस्तुत गद्यांश के आधार पर पूछे गए प्रश्नों के उत्तर दीजिए-

विकास की क्रिया के मूल में मानव की पूर्ण बनने की अपनी प्रेरणा है। विकास के लिए समन्वय का भाव होना परम आवश्यक होता है। जीवन में विकास और पूर्णता पाने के लिए स्वीकार की भावना और समन्वय का बोध साथ-साथ आवश्यक होते हैं। किसी एक विचारधारा के संकीर्ण दायरे से बंधने की बजाय विभिन्न विचारधाराओं का सार-संग्रह करके मनुष्य अधिक संतुलित विकास कर सकता है। यदि हम विभिन्न विचारधाराओं और उनके जन्मदाता महापुरुषों का पूर्ण खण्डन अथवा पूर्ण मण्डन करें तो विकास-पथ अवरुद्ध हो जाएगा। अतएव समन्वय की भावना से युक्त होकर सब ओर से सार वस्तुओं को ग्रहण करते हुए हम उनका लाभ उठा सकते हैं। किसी धर्म-विशेष या मान्यताओं के खूँटे के साथ संकीर्ण भाव से बंधकर तथा परम्पराओं और रूढ़ियों से जकड़े हुए हम आगे नहीं बढ़ सकते हैं। संकीर्णता का त्याग इस समझ में भी निहित है कि मानव को मानव होने का बोध कराके ही उसे देश, जाति, धर्म के भेदों से ऊपर उठाया जा सकता है। मानव को मानव के रूप में सम्मानित करके ही हम जातीयता, प्रान्तीयता, संकुचित राष्ट्रीयता आदि के भेद को तोड़ सकते हैं। आज मानव ही मानव से दूर होता जा रहा है। वह भूल चुका है कि देश, धर्म, जाति के भिन्न होते हुए भी हम सर्वप्रथम मानव हैं।

SubQuestion No : 19

Q.19 प्रस्तुत गद्यांश का वास्तविक जीवन से संबंध किस रूप में है?

- Ans
-  1. यह केवल सैद्धांतिक विचार प्रस्तुत करता है।
 -  2. यह राजनीतिक इतिहास का वर्णन है।
 -  3. यह संकीर्णता छोड़कर समन्वय और मानवता अपनाने का संदेश देता है।
 -  4. यह केवल धार्मिक नियमों की चर्चा करता है।

Comprehension:

प्रस्तुत गद्यांश के आधार पर पूछे गए प्रश्नों के उत्तर दीजिए-

विकास की क्रिया के मूल में मानव की पूर्ण बनने की अपनी प्रेरणा है। विकास के लिए समन्वय का भाव होना परम आवश्यक होता है। जीवन में विकास और पूर्णता पाने के लिए स्वीकार की भावना और समन्वय का बोध साथ-साथ आवश्यक होते हैं। किसी एक विचारधारा के संकीर्ण दायरे से बंधने की बजाय विभिन्न विचारधाराओं का सार-संग्रह करके मनुष्य अधिक संतुलित विकास कर सकता है। यदि हम विभिन्न विचारधाराओं और उनके जन्मदाता महापुरुषों का पूर्ण खण्डन अथवा पूर्ण मण्डन करें तो विकास-पथ अवरुद्ध हो जाएगा। अतएव समन्वय की भावना से युक्त होकर सब ओर से सार वस्तुओं को ग्रहण करते हुए हम उनका लाभ उठा सकते हैं। किसी धर्म-विशेष या मान्यताओं के खूँटे के साथ संकीर्ण भाव से बंधकर तथा परम्पराओं और रूढ़ियों से जकड़े हुए हम आगे नहीं बढ़ सकते हैं। संकीर्णता का त्याग इस समझ में भी निहित है कि मानव को मानव होने का बोध कराके ही उसे देश, जाति, धर्म के भेदों से ऊपर उठाया जा सकता है। मानव को मानव के रूप में सम्मानित करके ही हम जातीयता, प्रान्तीयता, संकुचित राष्ट्रीयता आदि के भेद को तोड़ सकते हैं। आज मानव ही मानव से दूर होता जा रहा है। वह भूल चुका है कि देश, धर्म, जाति के भिन्न होते हुए भी हम सर्वप्रथम मानव हैं।

SubQuestion No : 20

Q.20 प्रस्तुत गद्यांश के लिए सर्वाधिक उपयुक्त शीर्षक कौन-सा है?

- Ans
-  1. विचारधाराओं का संघर्ष
 -  2. राष्ट्रीयता का विकास
 -  3. समन्वय और मानवता का महत्व
 -  4. धर्म और परम्पराएँ

Section : Discipline1

Q.1 In Von Thünen's model, which type of economic activity is located in the first zone nearest to the central market?

- Ans
-  1. Crop rotation with fallow
 -  2. Horticulture and dairying
 -  3. Crop rotation without fallow
 -  4. Forestry

Q.2 The precipitation in a tropical cyclone is mainly of which type?

- Ans**
- ☐ 1. Orographic rainfall
 - ☐ 2. Frontal rainfall
 - ☒ 3. Convectional rainfall
 - ☐ 4. Monsoon circulation

Q.3 Which of the following is not a characteristic of Genetically Modified Crop?

- Ans**
- ☐ 1. Herbicide Tolerant
 - ☐ 2. Virus Resistance
 - ☐ 3. Insect Resistance
 - ☒ 4. Moisture Resistant

Q.4 Fine, homogeneous droplets of water with sizes less than 0.5 mm are referred to as:

- Ans**
- ☐ 1. Rime
 - ☒ 2. Drizzle
 - ☐ 3. Rain
 - ☐ 4. Hail

Q.5 The Green Revolution had a selectively positive impact on which of the following?

- Ans**
- ☐ 1. Small and Marginal Farmers
 - ☐ 2. Tenant Farmers
 - ☒ 3. Large Land Holding Farmers
 - ☐ 4. Landless Laborers

Q.6 Actual evaporation is higher over oceans due to:

- Ans**
- ☐ 1. High salinity
 - ☒ 2. Larger surface area of oceans
 - ☐ 3. Lower humidity
 - ☐ 4. Greater landmass

Q.7 In which of the following cities is the Forest Research Institute located?

- Ans**
- ☐ 1. Jodhpur
 - ☐ 2. Bengaluru
 - ☐ 3. Shimla
 - ☒ 4. Dehradun

Q.8 Which forest type covers the maximum area in India?

- Ans**
- ☒ 1. Tropical moist deciduous forest
 - ☐ 2. Tropical wet evergreen forest
 - ☐ 3. Subtropical pine forest
 - ☐ 4. Littoral and swamp forest

Q.9 Wind velocity affects evaporation by:

- Ans**
- ☐ 1. Lowering water temperature
 - ☒ 2. Replacing moist air with dry air
 - ☐ 3. Increasing moisture saturation
 - ☐ 4. Reducing turbulence

Q.10 Which technological input was NOT used as part of agricultural development in Green Revolution?

- Ans**
- ☒ 1. Weed Removal
 - ☐ 2. Pesticides
 - ☐ 3. Chemical Fertilizers
 - ☐ 4. HYV Seeds

Q.11 Zone 3 in Von Thünen's model is primarily characterized by:

- Ans**
- ☒ 1. Livestock grazing
 - ☒ 2. Grain crops with no fallow land
 - ☒ 3. Firewood production
 - ☒ 4. Three-field system

Q.12 Which zone is associated with livestock ranching in Von Thünen's model?

- Ans**
- ☒ 1. Zone 6
 - ☒ 2. Zone 1
 - ☒ 3. Zone 2
 - ☒ 4. Zone 4

Q.13 In 1935, Arthur Tansley created the term "ecosystem," imagining it to be made up of two components namely:

- Ans**
- ☒ 1. Biome and Habitat
 - ☒ 2. Ecology and Environment
 - ☒ 3. Ecology and Biome
 - ☒ 4. Ecology and Habitat

Q.14 The polar front jet stream's highest wind speed zone, which separates polar and equatorially derived air, is known as?

- Ans**
- ☒ 1. Dynamic Streak
 - ☒ 2. Momentum Streak
 - ☒ 3. Polar Streak
 - ☒ 4. Jet Streak

Q.15 Why does the Bergeron process favor the growth of ice crystals in cold clouds?

- Ans**
- ☒ 1. Vapor pressure is lower over ice than water
 - ☒ 2. Vapor condenses faster over warm droplets
 - ☒ 3. Large droplets collide and merge faster
 - ☒ 4. Ice nuclei absorb supercooled water

Q.16 Which of the following statement is not correct about the Green Revolution in India?

- Ans**
- ☒ 1. Green Revolution decreased the economic disparity amongst the farmers
 - ☒ 2. Green Revolution led to the development of commercial and market-oriented agricultural system
 - ☒ 3. Impact of Green Revolution was limited to handful of food crops (i.e., wheat, rice, maize, and bajra) only
 - ☒ 4. Green Revolution resulted large scale labour displacement in rural settings

Q.17 The rate of evaporation does not depend on:

- Ans**
- ☒ 1. Mass of liquid
 - ☒ 2. Temperature
 - ☒ 3. Wind velocity
 - ☒ 4. Aridity

Q.18 Which particular crop hasn't benefited from the green revolution?

- Ans**
- ☒ 1. Bajra
 - ☒ 2. Wheat
 - ☒ 3. Sugarcane
 - ☒ 4. Pulses

Q.19 Which part of a tropical cyclone is the most violent and destructive?

- Ans**
- ☒ 1. The Eye
 - ☒ 2. The outer spiral bands
 - ☒ 3. The descending air column
 - ☒ 4. The Eye wall

Q.20 Which of the following is classified as a Tropical Forest Biome under the third order?

- Ans**
-  1. Semi-arid Biome
 -  2. Eurasian Steppe Biome
 -  3. Savanna Grassland Biome
 -  4. Evergreen Rainforest Biome

Section : **Discipline2**

Q.1 According to A.G. Tansley, the ecosystem comprises which two major parts?

- Ans**
-  1. Habitat and Niche
 -  2. Producers and Consumers
 -  3. Biotic and Abiotic
 -  4. Biome and Habitat

Q.2 Since the air pressure is just around 1 mb, 99.9% of all air molecules are below the height of:

- Ans**
-  1. 50 km
 -  2. 16 km
 -  3. 32 km
 -  4. 5.5 km

Q.3 Absolute stability in the atmosphere occurs when:

- Ans**
-  1. $ELR > WALR$
 -  2. $ELR < WALR$
 -  3. $ELR = \text{wet adiabatic lapse rate (WALR)}$
 -  4. Environmental lapse rate (ELR) > dry adiabatic lapse rate (DALR)

Q.4 More than 90% of the total atmospheric vapour is found upto the height of -

- Ans**
-  1. 7 km
 -  2. 3 km
 -  3. 10.5 km
 -  4. 5 km

Q.5 Which of the following geographical ideologies is linked with the concept of 'mental map'?

- Ans**
-  1. Behavioral geography
 -  2. Humanistic geography
 -  3. Quantitative revolution
 -  4. Welfare geography

Q.6 Cold air masses originate in:

- Ans**
-  1. Equatorial regions
 -  2. Tropical regions
 -  3. Polar and Arctic regions
 -  4. Subtropical regions

Q.7 The 'Quantitative Revolution' in geography gained momentum after which major event?

- Ans**
-  1. Cold War
 -  2. Industrial Revolution
 -  3. Second World War
 -  4. First World War

Q.8 The letter 'w' in Köppen classification means:

- Ans**
- ☐ 1. Well-defined summer dry season
 - ☐ 2. Wet winter
 - ☐ 3. Warm summer
 - ☒ 4. Winter dry season

Q.9 Which of the following properties is not correct about Ecosystems?

- Ans**
- ☒ 1. A closed system characterized by bidirectional energy flow
 - ☐ 2. Represents the sum of all living organisms and physical environment
 - ☐ 3. Ecosystem has defined spatio-temporal and scaler dimension
 - ☐ 4. Comprised with biotic, abiotic and energy components

Q.10 Which of the following pairs of the authors and their theories/models is not correctly matched?

- Ans**
- ☐ 1. Walter Isard - Regional Science
 - ☐ 2. Zipf - Principle of least effort
 - ☐ 3. Peter Haggett - Locational Analysis
 - ☒ 4. Blaut - Plastic Space

Q.11 Which of the following pairs correctly matches Trewartha's climate type with its Indian location?

- Ans**
- ☐ 1. Tropical Savannah (Aw) – Eastern Rajasthan and Haryana
 - ☐ 2. Humid Subtropical (Caw) – Western Ghats
 - ☐ 3. Mountain Climate (H) – Indo-Gangetic Plain
 - ☒ 4. Tropical Steppe (BS) – Telangana and rain-shadow areas

Q.12 Biogeography primarily studies:

- Ans**
- ☐ 1. Geological structures of the earth
 - ☐ 2. Technological development in regions
 - ☒ 3. Distribution of plant and animal life
 - ☐ 4. Cultural distribution across regions

Q.13 There is practically no movement on a stationary front. It appears as an alternating:

- Ans**
- ☐ 1. Red and Green line.
 - ☐ 2. Green and Blue line.
 - ☐ 3. Red and Black line.
 - ☒ 4. Red and Blue line.

Q.14 Which one of the following is the core implication of General System Theory in geography?

- Ans**
- ☒ 1. It offers a unified framework identifying commonalities across sciences
 - ☐ 2. Natural systems function independently
 - ☐ 3. Systems operate without feedback loops
 - ☐ 4. It applies only to closed systems in human geography

Q.15 General System Theory is best described as:

- Ans**
- ☒ 1. A theory of general models across sciences
 - ☐ 2. A mathematical optimization method
 - ☐ 3. A theory of specific biological systems
 - ☐ 4. A branch of physical geography

Q.16 The following question consists of two statements – Assertion (A) and Reason (R). Choose the appropriate option. Assertion (A): Spate and Berry debated whether quantification could meaningfully contribute to economic geography. Reason (R): Berry argued that statistics alone were sufficient for economic analysis.

- Ans**
- ☐ 1. A is false, R is true
 - ☒ 2. A is true, R is false
 - ☐ 3. Both A and R are true, and R is the correct explanation of A
 - ☐ 4. Both A and R are true, but R is not the correct explanation of A

Q.17 An airmass becomes unstable when:

- Ans**
- ☒ 1. Normal lapse rate is higher than dry adiabatic rate
 - ☐ 2. Normal lapse rate is equal to dry adiabatic rate
 - ☐ 3. Normal lapse rate becomes zero
 - ☐ 4. Normal lapse rate is less than dry adiabatic rate

Q.18 Which type of climate is found in the western coastal region, south of Mumbai in India as per Koppen's climatic classification?

- Ans**
- ☐ 1. As
 - ☐ 2. Cwg
 - ☐ 3. Aw
 - ☒ 4. Amw

Q.19 How many laws of thermodynamics are applied with energy flow in the ecosystem?

- Ans**
- ☐ 1. Only second law is applied
 - ☐ 2. Only first law is applied
 - ☐ 3. None of the laws are applied
 - ☒ 4. Both the first and second laws are applied

Q.20 Who developed a "behavioural matrix" of locational decision-making by utilising the availability of information and the range of abilities required to exploit it?

- Ans**
- ☐ 1. Gilbert White
 - ☐ 2. John Simon
 - ☒ 3. Alan Pred
 - ☐ 4. Ian Burton

Section : Discipline3

Q.1 Which topographical characteristic is most closely linked to the creation of a "cold air damming" situation that can increase winter precipitation along a stationary front?

- Ans**
- ☐ 1. A large, warm body of water
 - ☐ 2. A flat, open plain
 - ☒ 3. A major mountain range perpendicular to the flow
 - ☐ 4. A deep valley oriented north-south

Q.2 What will be the change in local time for every 15 degrees of longitude as we go eastwards?

- Ans**
- ☐ 1. Local time is advanced by 15 minutes
 - ☒ 2. Local time is advanced by 60 minutes
 - ☐ 3. Local time is going by 6 minutes
 - ☐ 4. Local time is advanced by 45 minutes

Q.3 Who coined the term 'Areal Differentiation'?

- Ans**
- ☐ 1. Alfred Hettner
 - ☐ 2. Carl Sauer
 - ☐ 3. Vidal de la Blache
 - ☒ 4. Richard Hartshorne

Q.4 The mid-year live birth rate for women aged 15 to 49 per 1,000 population is called?

- Ans**
- ☒ 1. General Fertility Rate
 - ☐ 2. General Maternal Fertility Rate
 - ☐ 3. Standardized Fertility Rate
 - ☐ 4. Completed Fertility Rate

Q.5 Who is considered the father of exceptionalism in geography?

- Ans**
- ☐ 1. Richard Hartshorne
 - ☒ 2. Immanuel Kant
 - ☐ 3. Strabo
 - ☐ 4. Hecataeus

Q.6 The number of deaths per thousand population in a year is the simplest way to quantify mortality and it is called:

- Ans**
- ☐ 1. Crude Mortality Ratio
 - ☒ 2. Crude Death Rate
 - ☐ 3. Refined Death Rate
 - ☐ 4. Infant Mortality Rate

Q.7 The Maternal Mortality Ratio (MMR) is defined as:

- Ans**
- ☐ 1. Number of maternal deaths per 1,000 women of reproductive age
 - ☐ 2. Number of maternal deaths per 10,000 deliveries
 - ☒ 3. Number of maternal deaths per 100,000 live births
 - ☐ 4. Number of maternal deaths per 1,000 pregnancies

Q.8 Which data model is typically more efficient for network analysis?

- Ans**
- ☐ 1. Image
 - ☐ 2. Tabular-only
 - ☐ 3. Raster
 - ☒ 4. Vector

Q.9 What kind of weather is most likely to cause convectional precipitation, which is linked to thunderstorms in the afternoon?

- Ans**
- ☐ 1. Stable atmosphere
 - ☒ 2. Unstable atmosphere
 - ☐ 3. Temperature inversion
 - ☐ 4. High pressure system

Q.10 Which of the following response is correct to describe an ogive ?

- Ans**
- ☐ 1. It is a Histogram
 - ☒ 2. It is a Cumulative Frequency Graph
 - ☐ 3. It is a Cumulative frequency polygon
 - ☐ 4. It is a Simple frequency graph

Q.11 The Crude Death Rate (CDR) is defined as:

- Ans**
- ☐ 1. Number of deaths per 100 people in a year
 - ☐ 2. Number of deaths per 100,000 people in a year
 - ☐ 3. Number of deaths per 10,000 people in a year
 - ☒ 4. Number of deaths per 1,000 people in a year

Q.12 Which of the following pairs is correctly matched with respect to Humanistic Geography?

- Ans**
- ☒ 1. Geosophy - J.K. Wright
 - ☐ 2. Topophilia - Carl Ritter
 - ☐ 3. Phenomenal environment - Tuan
 - ☐ 4. Idealist approach - Buttimer

Q.13 At which level the herbivores belong to in the trophic structure of an ecosystem?

- Ans**
- ☐ 1. Third
 - ☐ 2. First
 - ☐ 3. Fourth
 - ☒ 4. Second

Q.14 With the establishment of which national park did wildlife conservation programmes start in India?

- Ans**
- ☐ 1. Kaziranga National Park
 - ☐ 2. Gir National Park
 - ☐ 3. Mount Harriet National Park
 - ☒ 4. Jim Corbett National Park

Q.15 According to Kant, geography is grouped with which other discipline?

- Ans**
- ☐ 1. Political science
 - ☒ 2. History
 - ☐ 3. Anthropology
 - ☐ 4. Economics

Q.16 'The Nature of Geography' was written by whom and when?

- Ans**
- ☒ 1. Richard Hartshorne,1939
 - ☐ 2. Carl O Sauer,1942
 - ☐ 3. Bernhard Varenius,1936
 - ☐ 4. Otto Schluter,1939

Q.17 Which approach reflects the lifetime behaviour and intentions of real women?

- Ans**
- ☐ 1. Period and cohort fertility
 - ☒ 2. Cohort fertility
 - ☐ 3. Period fertility
 - ☐ 4. Cross-sectional fertility

Q.18 "Humanistic Geography" became the most advanced of several critical responses against which of the following in the late 1960s?

- Ans**
- ☐ 1. Existentialism
 - ☐ 2. Behaviouralism
 - ☐ 3. Phenomenology
 - ☒ 4. Logical Positivism

Q.19 Which of the following best describes argon's chemical property?

- Ans**
- ☒ 1. Inert and inactive
 - ☐ 2. Strong oxidizing gas
 - ☐ 3. Highly reactive
 - ☐ 4. Explosive in nature

Q.20 The organism found in Trophic level 2 receive their food from

- Ans**
- ☐ 1. Secondary Producers
 - ☐ 2. Primary Consumers
 - ☐ 3. Secondary Consumers
 - ☒ 4. Primary Producers

Q.1 Which of the following factors does not act to restrict the introduction and spread of infectious diseases?

- Ans**
- ☒ 1. Social class of human population
 - ☐ 2. Immunity of human population
 - ☐ 3. Geoclimatic conditions that do not support vector
 - ☐ 4. Human population genetics

Q.2 Who is credited with the preparation of a good description of Monsoon?

- Ans**
- ☐ 1. Ibn Sina
 - ☐ 2. Al-Balkhi
 - ☐ 3. Al-Maqdisi
 - ☒ 4. Al-Masudi

Q.3 What percentage of the global population may face hunger in 2024, according to the Food and Agriculture Organization (FAO) report of 2025?

- Ans**
- ☐ 1. 12.3
 - ☐ 2. 6.6
 - ☐ 3. 7.8
 - ☒ 4. 8.2

Q.4 The Geographical Pivot of History was written by:

- Ans**
- ☐ 1. Carl Ritter
 - ☐ 2. NJ Spykman
 - ☐ 3. Fredrick Ratzel
 - ☒ 4. HJ Mackinder

Q.5 Which type of map is used for rendering absolute quantitative data?

- Ans**
- ☒ 1. Proportional symbol maps
 - ☐ 2. Choropleth maps
 - ☐ 3. Chorochromatic maps
 - ☐ 4. Diagram maps

Q.6 Who among the following scholars authored Mehraj-al-Duhab?

- Ans**
- ☒ 1. Al-Masudi
 - ☐ 2. Al idrisi
 - ☐ 3. Al-Biruni
 - ☐ 4. Ibn Khaldun

Q.7 Which of the following statements correctly distinguishes the methodological basis of Wentworth's and Smith's slope analysis techniques?

- Ans**
- ☐ 1. Smith measures slope by contour frequency; Wentworth uses gradient interpolation.
 - ☐ 2. Wentworth uses relative relief in 5' grid boxes; Smith counts contour crossings in oblique grids.
 - ☒ 3. Wentworth uses contour crossings and a constant to find slope angle; Smith uses highest–lowest elevation in grid rectangles.
 - ☐ 4. Both methods require GIS-based DEMs for calculation.

Q.8 Which dimension of food security is concerned with whether people have adequate purchasing power to buy nutritious food?

- Ans**
- ☐ 1. Stability
 - ☒ 2. Affordability
 - ☐ 3. Availability
 - ☐ 4. Accessibility

Q.9 Which Köppen climatic type is found in the Thar Desert region of Rajasthan?

- Ans**
- ☐ 1. Humid Subtropical (Cfa)
 - ☐ 2. Tropical Monsoon (Am)
 - ☒ 3. Hot Desert Type (BWhw)
 - ☐ 4. Semi-arid Steppe (BSh)

Q.10 Which of the following item is not related to Namami Ganga Programme (2014)?

- Ans**
- ☒ 1. Surface drainage cleaning
 - ☐ 2. Biodiversity conservation
 - ☐ 3. Afforestation
 - ☐ 4. River-front development

Q.11 Which of the following statements is most accurate regarding the deployment environments of modern GIS software?

- Ans**
- ☐ 1. Server-based GIS software is only used for raster image enhancement and storage.
 - ☒ 2. Some GIS software supports both desktop and server-based operations with extended features.
 - ☐ 3. All GIS software are now exclusively web-based due to advancements in cloud computing.
 - ☐ 4. Desktop GIS software cannot be used in networked environments due to memory constraints.

Q.12 Rigid and traditional caste interaction are the typical characteristics of _____.

- Ans**
- ☒ 1. Rural Village
 - ☐ 2. Metropolitan City
 - ☐ 3. Peri-urban Area
 - ☐ 4. Urban Village

Q.13 Earth's long-wave radiation is mostly absorbed by:

- Ans**
- ☒ 1. Carbon Di Oxide
 - ☐ 2. Nitrous Oxide
 - ☐ 3. Ozone
 - ☐ 4. Methane

Q.14 Raster data represent features primarily as:

- Ans**
- ☐ 1. Coordinate pairs
 - ☐ 2. Hyperlinks
 - ☐ 3. Lists of place names
 - ☒ 4. Matrices of cells with values

Q.15 Which of the following statements is not true for Humboldt?

- Ans**
- ☒ 1. He used a teleological approach to explain the uniqueness of the earth.
 - ☐ 2. He published 5 volumes of his famous book 'Cosmos'.
 - ☐ 3. He traveled various parts of the world for field observation.
 - ☐ 4. He was an expert at using various instruments to collect field data.

Q.16 Which of the following projections maintains correct direction and shape but exaggerates area near the poles?

- Ans**
- ☐ 1. Cylindrical Equal Area Projection
 - ☐ 2. Zenithal Projection
 - ☒ 3. Mercator's Projection
 - ☐ 4. Conical Projection

Q.17 According to Mackinder, the Midland Basin included which regions?

- Ans**
- ☒ 1. Western Europe and North America
 - ☐ 2. South Asia and East Asia
 - ☐ 3. Eurasia
 - ☐ 4. Africa and South America

Q.18 Which of the following statements is incorrect about longitudes?

- Ans**
- ☒ 1. The distance between two longitudes is approxima 111 km.
 - ☐ 2. The longitudes are used to determine the local time.
 - ☐ 3. Longitudes are measured east or west of Greenwich (0°), from 0° to 180°.
 - ☐ 4. All meridians of longitude converge at the poles.

Q.19 Which of the following groundwater quality is expressed using the 'mhos/cm' unit?

- Ans**
- ☒ 1. Electrical conductivity
 - ☐ 2. Nitrate
 - ☐ 3. Fluoride
 - ☐ 4. Sodium

Q.20 Velocity of the wind is measured by:

- Ans**
- ☐ 1. Wind Vane
 - ☒ 2. Anemometer
 - ☐ 3. Speedometer
 - ☐ 4. Altimeter

Section : **Discipline5**

Q.1 As classical theory of monsoon origin, Halley explained the monsoons as a result of:

- Ans**
- ☒ 1. Differential heating of land and sea
 - ☐ 2. Shifts of the Inter-Tropical Convergence Zone (ITCZ)
 - ☐ 3. Walker circulation
 - ☐ 4. Jet stream position

Q.2 The "Adopt A Heritage" program was launched in:

- Ans**
- ☐ 1. 2019
 - ☐ 2. 2016
 - ☒ 3. 2017
 - ☐ 4. 2015

Q.3 The Permo-Carboniferous Ice Age occurred approximately:

- Ans**
- ☒ 1. 350–250 million years ago
 - ☐ 2. 180 million years ago
 - ☐ 3. 10,000 years ago
 - ☐ 4. 100 million years ago

Q.4 On which of the following principles is the Milankovitch cycle based?

- Ans**
- ☒ 1. Earth's orbital variations
 - ☐ 2. Volcanic eruptions
 - ☐ 3. Atmospheric composition
 - ☐ 4. Anthropogenic activities

Q.5 Which of the following racial groups are the earliest occupants of Indian territory?

- Ans**
- ☒ 1. The Negritos
 - ☐ 2. The Mongoloid
 - ☐ 3. The Proto Australoids
 - ☐ 4. The Mediterranean

Q.6 Disintegration of rocks due to diurnal freeze-thaw cycles in the periglacial environment is commonly known as _____.

- Ans**
- ☐ 1. Shattering
 - ☒ 2. Congelifraction
 - ☐ 3. Spalling
 - ☐ 4. Exfoliation

Q.7	In HDI calculation, life expectancy at birth is normalized using which minimum and maximum values?
Ans	 1. 15 and 90 years  2. 35 and 80 years  3. 0 and 100 years  4. 20 and 85 years
Q.8	According to Davis which of the following does not play important roles in the origin and development of landforms of a particular place?
Ans	 1. Drainage Density  2. Process  3. Structure  4. Stage
Q.9	What percentage of the total forest area falls under the reserved forest in India?
Ans	 1. 5%  2. 29%  3. 18%  4. 53%
Q.10	Which is the largest west flowing river of Peninsular India?
Ans	 1. Mandovi  2. Mahi  3. Periyar  4. Narmada
Q.11	The Tulu language spoken by the Maler tribe belongs to which of the following classificatory systems of the languages of Indian tribes?
Ans	 1. Tibeto-Chinese  2. Indo-Aryan  3. Austro-Asiatic  4. Dravidian
Q.12	Which of the following is not a dimension index for the measurement of the Human Development Index (HDI)?
Ans	 1. Education index  2. Gender index  3. GNI index  4. Life expectancy index
Q.13	Which of the following states has the largest Scheduled Tribe (ST) population in India as per 2011 Census?
Ans	 1. Jharkhand  2. Chhattisgarh  3. Madhya Pradesh  4. Uttar Pradesh
Q.14	The Dynamic Theory of monsoon explains monsoon rainfall on the basis of:
Ans	 1. Annual shifts in global belts of pressure and winds  2. Unequal heating of land and sea  3. Topographical features  4. Ocean currents
Q.15	What is 'mango shower'?
Ans	 1. Heavy rainfall due to onset of south-west monsoon.  2. Pre-monsoon rainfall in South India developed by thunderstorms.  3. Rainfall occurred by western disturbance.  4. Sudden cloudburst and associated flash flood.

Q.16 Pratt's concept of isostasy is based on:

- Ans**
- ☐ 1. Varying depth and density
 - ☐ 2. Uniform density with varying thickness
 - ☒ 3. Uniform depth with varying density
 - ☐ 4. Floating crust

Q.17 The inclination of rock beds with respect to the horizontal plane is termed:

- Ans**
- ☒ 1. Dip
 - ☐ 2. Pitch
 - ☐ 3. Strike
 - ☐ 4. Plunge

Q.18 Which of the following Indian states/UTs has the highest percentage of Scheduled Tribe population according to the 2011 Census?

- Ans**
- ☐ 1. Arunachal Pradesh
 - ☐ 2. Madhya Pradesh
 - ☒ 3. Lakshadweep
 - ☐ 4. Mizoram

Q.19 All the following are examples of communicable diseases except:

- Ans**
- ☐ 1. Measles
 - ☐ 2. Whooping cough
 - ☐ 3. Tuberculosis
 - ☒ 4. Asthma

Q.20 El Nino has this effect on Indian monsoon

- Ans**
- ☐ 1. It increases the rainfall
 - ☐ 2. It makes the Indian monsoon more violent.
 - ☐ 3. It stays same rainfall
 - ☒ 4. It weakens the Indian monsoon

Section : **Discipline6**

Q.1 Name the activity in which Nomads take their sheep up to the mountains at the onset of summer for grazing?

- Ans**
- ☐ 1. Hunting and Gathering
 - ☐ 2. Commercial Grazing
 - ☒ 3. Transhumance
 - ☐ 4. Fodder Gathering

Q.2 The Sendai Framework for Disaster Risk Reduction was adopted by UN member states in the year _____.

- Ans**
- ☐ 1. 2009
 - ☐ 2. 2012
 - ☒ 3. 2015
 - ☐ 4. 2017

Q.3 The average density of the Sial layer is:

- Ans**
- ☐ 1. 5.5
 - ☐ 2. 4.8
 - ☒ 3. 2.9
 - ☐ 4. 13.3

Q.4 According to the Indian meteorological department what is the range of mean annual rainfall deficiency for severe drought?

- Ans**
- ☐ 1. Deficiency of rainfall is between 25% and 50%
 - ☐ 2. Deficiency of rainfall less than 75% of the normal rainfall
 - ☐ 3. Deficiency of rainfall more than 75% of the normal rainfall
 - ☒ 4. Deficiency of rainfall exceeds 50% of the normal rainfall

Q.5 With which of the following zones of global plates is the Wadati-Benioff zone associated?

- Ans**
- ☒ 1. Subduction
 - ☐ 2. Triple junction
 - ☐ 3. Obduction
 - ☐ 4. Transform fault

Q.6 In Weber's location triangle model, the lines around the least transportation cost point representing equal transport cost are called:

- Ans**
- ☐ 1. Isometrics
 - ☐ 2. Isoquant
 - ☐ 3. Isocost lines
 - ☒ 4. Isodapane

Q.7 Consider the following statements and select the correct option.

Assertion (A): Isodapanes are used to evaluate deviations from the optimal transport cost location.

Reason (R): Isodapanes connect points of equal market demand in Weber's model.

- Ans**
- ☐ 1. A is false, but R is true.
 - ☒ 2. A is true, but R is false.
 - ☐ 3. Both A and R are true, and R is the correct explanation of A.
 - ☐ 4. Both A and R are true, but R is not the correct explanation of A.

Q.8 The Mid-Atlantic Ridge is an example of:

- Ans**
- ☐ 1. A convergent boundary
 - ☐ 2. A passive continental margin
 - ☒ 3. A divergent boundary
 - ☐ 4. A transform fault

Q.9 The profile that helps to understand the effects of rejuvenation of a drainage system on the present form of the valley is known as?

- Ans**
- ☐ 1. Transverse Profile
 - ☒ 2. Longitudinal Profile
 - ☐ 3. Reconstructed Profile
 - ☐ 4. Serial Profile

Q.10 Long irregular and undulating forms of solidified intruded magmas are called _____.

- Ans**
- ☐ 1. Lopoliths
 - ☐ 2. Dykes
 - ☐ 3. Laccoliths
 - ☒ 4. Batholiths

Q.11 Seismic waves move most quickly when

- Ans**
- ☐ 1. the rock is compressible
 - ☐ 2. the rock is flexible
 - ☒ 3. the rock is rigid and hard
 - ☐ 4. the rock is in semi liquid

Q.12 Which two elements are plotted in a hythergraph?

- Ans**
-  1. Temperature & relative humidity
 -  2. Pressure & rainfall
 -  3. Temperature & sunshine hours
 -  4. Rainfall & temperature

Q.13 Which measure is recommended BEFORE an earthquake?

- Ans**
-  1. Use elevators
 -  2. Store food and first aid equipment
 -  3. Stand under door frames
 -  4. Light candles

Q.14 The core makes up about what percentage of Earth's mass?

- Ans**
-  1. 40%
 -  2. 22.5%
 -  3. 32.5%
 -  4. 25%

Q.15 The National Crisis Management Committee (NCMC) is headed by:

- Ans**
-  1. Ministry of Water Resources
 -  2. Cabinet Secretary
 -  3. Prime Minister
 -  4. District Magistrate

Q.16 Which volcanic belt includes the volcanoes of Alpine mountain chains and the Mediterranean Sea?

- Ans**
-  1. Circum-Pacific Belt
 -  2. Mid-Atlantic Belt
 -  3. Intra-Plate Belt
 -  4. Mid-Continental Belt

Q.17 Between which two layers is Gutenberg discontinuity located?

- Ans**
-  1. Between crust and mantle
 -  2. Between mantle and core
 -  3. Between sial and Sima
 -  4. Between outer and inner core

Q.18 Which low density vesicular rock is created when viscous magma with an andesitic to rhyolitic composition erupts explosively?

- Ans**
-  1. Pyroclastic
 -  2. Granite
 -  3. Pumice
 -  4. Tephra

Q.19 Which industrial region is known as 'Ruhr of India'?

- Ans**
-  1. Chotonagpur industrial region
 -  2. Hooghly industrial region
 -  3. Visakhapatnam Guntur industrial region
 -  4. Gujarat industrial region

Q.20 Which of the following statements about Peninsular drainage in India is not true?

- Ans**
-  1. These rivers are mainly rainfed.
 -  2. These are the examples of antecedent drainage.
 -  3. There are many rejuvenated drainage systems represented by waterfalls.
 -  4. These rivers are superimposed in nature.

Q.1 In which year was the first synchronous census of India conducted?

- Ans**
- ☒ 1. 1881
 - ☐ 2. 1871
 - ☐ 3. 1948
 - ☐ 4. 1951

Q.2 Which of the following best describes a superimposed profile?

- Ans**
- ☐ 1. Profiles depicting rainfall intensity
 - ☐ 2. A single profile of a river valley
 - ☐ 3. A collection of elevation points only
 - ☒ 4. Multiple profiles placed on a common plane to show landform features clearly

Q.3 The First Five-Year Plan in India was launched on:

- Ans**
- ☐ 1. 2 October 1951
 - ☐ 2. 26 January 1950
 - ☐ 3. 15 March 1950
 - ☒ 4. 1 April 1951

Q.4 Which type of landform is formed when a block of land slips down between sets of parallel normal faults?

- Ans**
- ☒ 1. Graben
 - ☐ 2. Tear faults
 - ☐ 3. Block mountain
 - ☐ 4. Horst

Q.5 Which continent alone accommodates nearly 60% of the world population?

- Ans**
- ☐ 1. Africa
 - ☐ 2. Europe
 - ☐ 3. South America
 - ☒ 4. Asia

Q.6 Which of the following represents cold and moist conditions in a climograph?

- Ans**
- ☐ 1. Muggy
 - ☒ 2. Raw
 - ☐ 3. Keen
 - ☐ 4. Scorching

Q.7 Which of the following states recorded highest population growth rate during 2001-2011 in India?

- Ans**
- ☐ 1. West Bengal
 - ☐ 2. Punjab
 - ☐ 3. Tripura
 - ☒ 4. Uttarakhand

Q.8 Which of the following scenarios best demonstrates the formation and oceanographic significance of a pycnocline?

- Ans**
- ☒ 1. A layer of rapidly decreasing temperature with depth causes a marked increase in density, forming a pycnocline that inhibits vertical mixing.
 - ☐ 2. Surface warming during summer creates a layer of low-density water over high-density deep water, leading to strong vertical mixing.
 - ☐ 3. Wind-driven mixing breaks down vertical gradients in density, eliminating the pycnocline and promoting thermal stratification.
 - ☐ 4. A deep-water mass forms due to increased salinity at the surface, resulting in uniform density throughout the water column.

Q.9 Developed countries typically have population pyramids that are:

- Ans**
-  1. Broad-based, triangular shaped (expansive)
 -  2. Inverted, with a narrow base
 -  3. Column-shaped, with almost equal numbers in each age group (stationary)
 -  4. Narrow at the base and top, with a bulging middle (constructive)

Q.10 According to the definition, a nation-state is:

- Ans**
-  1. A federation of states
 -  2. A political unit with well-defined territory and a people considering themselves a nation
 -  3. A cultural group without political authority
 -  4. Any territory with a government

Q.11 When the contours are spread out at the top and close near the ground, then slope is

- Ans**
-  1. Convex
 -  2. Uniform
 -  3. Concave
 -  4. Undulating

Q.12 Which state had the highest growth rate of population from 2001-2011 Census?

- Ans**
-  1. Meghalaya
 -  2. West Bengal
 -  3. Bihar
 -  4. Haryana

Q.13 Which among the following is not in top ten largest countries in terms of population?

- Ans**
-  1. Bangladesh
 -  2. Indonesia
 -  3. Japan
 -  4. Ethiopia

Q.14 The 'Indo-Gangetic Plain' was primarily formed by the:

- Ans**
-  1. Erosion of the Aravalli ranges
 -  2. Depositional work of the rivers
 -  3. Upliftment of the Tethys Sea floor
 -  4. Weathering of the Deccan Lava

Q.15 The term "String of Pearls" in geopolitical discourse refers to:

- Ans**
-  1. A proposed natural gas pipeline connecting Central Asia to India
 -  2. China's naval base expansion in Indian Ocean, encircling India
 -  3. Pakistan's nuclear facility sites along its eastern border
 -  4. India's network of cultural centers in Southeast Asia

Q.16 When did India recognise the communist government of China?

- Ans**
-  1. 1950
 -  2. 1949
 -  3. 1947
 -  4. 1954

Q.17 Which method of relief depiction on maps uses a series of closely spaced, parallel lines drawn along the steepest slope, with the thickness of the lines indicating the degree of slope?

- Ans**
-  1. Hachuring
 -  2. Contour lines
 -  3. Shaded relief
 -  4. Layer tinting

Q.18 Which one has the lowest sex ratio among the following?

- Ans**
-  1. Punjab
 -  2. Delhi
 -  3. Haryana
 -  4. Rajasthan

Q.19 Which of the following seas has the highest salinity?

- Ans**
-  1. Okhotsk Sea
 -  2. Mediterranean Sea
 -  3. Bearing Sea
 -  4. Baltic Sea

Q.20 The mega ocean surrounding the supercontinent, as per the continental drift theory, was called by which of the following names?

- Ans**
-  1. Panama
 -  2. Laurasia
 -  3. Pangaea
 -  4. Panthalasa

Section : **Discipline8**

Q.1 What is the wavelength range of Near-Infrared Radiation (NIR)?

- Ans**
-  1. 15 to 19 micrometers
 -  2. 1.4 to 8 micrometers
 -  3. 0.7 to 1.4 micrometers
 -  4. 8 to 15 micrometers

Q.2 Which is the largest fish exporting ground of the world, in terms of annual catch?

- Ans**
-  1. North East Pacific region
 -  2. South West Indian region
 -  3. North East Atlantic region
 -  4. North West Atlantic region

Q.3 Why do polar-orbiting satellites have higher temporal resolution at high latitudes?

- Ans**
-  1. Orbital paths converge near the poles, increasing overlap.
 -  2. The equatorial diameter of the Earth decreases image repeatability.
 -  3. The sensor FOV increases at higher latitudes.
 -  4. The satellite increases velocity over the poles.

Q.4 Which of the following is a characteristic of spatial resolution?

- Ans**
-  1. Level of digital brightness recorded
 -  2. Number of colour bands used
 -  3. Time interval between two observations
 -  4. Ability to distinguish between two closely spaced objects

Q.5 Which of the following statements best explains the effect of increasing spectral resolution in hyperspectral remote sensing systems?

- Ans**
-  1. Increasing the number of narrow bands increases spectral discrimination but may lower the signal-to-noise ratio.
 -  2. Spectral resolution is only relevant in photographic sensors.
 -  3. Higher spectral resolution improves spatial resolution without compromising radiometric resolution.
 -  4. Hyperspectral sensors use broader bands to enhance classification accuracy.

Q.6 The Organization of Petroleum Exporting Countries (OPEC) has its Headquarters in _____.

- Ans**
-  1. Kuwait
 -  2. Iraq
 -  3. Iran
 -  4. Austria

Q.7 Which one among following is not the reason of soil degradation?

- Ans**
-  1. Human excreta (night soil)
 -  2. Earthworms
 -  3. Plastic
 -  4. Lead

Q.8 Which of the following is NOT a characteristic of frontiers?

- Ans**
-  1. It is outward-oriented
 -  2. It is a phenomenon of history
 -  3. It has a base of the centrifugal force
 -  4. It is a separating factor, which is movable

Q.9 When did India sign a 20-year Treaty of Peace and Friendship with the Soviet Union to counter the US-Pakistan-China axis?

- Ans**
-  1. August 1971
 -  2. July 1970
 -  3. December 1974
 -  4. October 1969

Q.10 In raster data format, geographic features are represented as:

- Ans**
-  1. Points only
 -  2. Lines connecting coordinates
 -  3. Triangular irregular networks
 -  4. Grids of squares or cells

Q.11 Which type of data format is ideal when descriptive information needs to be stored along with spatial features?

- Ans**
-  1. Vector
 -  2. Raster
 -  3. Analog
 -  4. Topographic

Q.12 Which of the following statements are not correct about the Extra-Peninsular region of India?

- Ans**
-  1. Extended upto Lakshadweep Islands
 -  2. Youngest land-masses of the earth
 -  3. Originated in the Tethys Sea
 -  4. Prone to devastating earthquakes

Q.13 Which stage of demographic transition theory is associated with high birth rates and high death rates?

- Ans**
-  1. Stage 2
 -  2. Stage 3
 -  3. Stage 4
 -  4. Stage 1

Q.14 Which of the following programmes is aiming to address the SDG 4 in India?

- Ans**
-  1. Rashtriya Uchhtar Shiksha Abhiyan
 -  2. National Mission on Ayush
 -  3. National Rural Employment Guarantee Scheme
 -  4. Rashtriya Krishi VikasYojana

Q.15 Dogger Bank fishing area is located in_____

- Ans**
-  1. The North-East Pacific Region
 -  2. The North-East Atlantic Region
 -  3. The North-West Atlantic Region
 -  4. The North-West Pacific Region

Q.16 What does radiometric correction in remote sensing aim to address?

- Ans**
-  1. Map projections
 -  2. Sensor and atmospheric distortions
 -  3. Terrain elevation
 -  4. Image orientation

Q.17 Why is a single linguistic identity problematic in diverse societies?

- Ans**
-  1. Languages are identical worldwide
 -  2. It ensures perfect equality
 -  3. Language has no relation to identity
 -  4. It may disadvantage those who do not speak the national language

Q.18 Which source provides continuous data on births and deaths in India?

- Ans**
-  1. Economic Survey
 -  2. Decennial Census
 -  3. Civil Registration System
 -  4. Population Register

Q.19 Spykman's rimland theory approached the problem from the point of view of which country?

- Ans**
-  1. Japan
 -  2. England
 -  3. USA
 -  4. Russia

Q.20 The term "hinterland" of a seaport refers to the:

- Ans**
-  1. Coastal area where the port is located
 -  2. Network of shipping routes connecting the port to other countries
 -  3. Zone where port facilities like warehouses and cranes are built
 -  4. Landward region that generates cargo for the port and receives imports through it

Section : **Discipline9**

Q.1 The fishing ground that extends from Iceland to the Mediterranean shore is known as?

- Ans**
-  1. North West Atlantic fishing ground
 -  2. North East Pacific fishing ground
 -  3. North West Pacific fishing ground
 -  4. North East Atlantic fishing ground

Q.2 According to demographic transition theory, birth rates are quite high and death rates decline sharply in which of the stage?

- Ans**
-  1. Stage IV
 -  2. Stage III
 -  3. Stage I
 -  4. Stage II

Q.3 Which of the following is not a natural hazard?

- Ans**
- ☐ 1. Drought disaster
 - ☐ 2. Flood disaster
 - ☒ 3. Eutrophication
 - ☐ 4. Cyclone disaster

Q.4 The Gulf Stream and Kuroshio Current are analogous western boundary currents in the Atlantic and Pacific Oceans, respectively. What key role do they play in global climate?

- Ans**
- ☐ 1. They are deep-ocean currents that regulate oxygen levels in the abyss
 - ☐ 2. They transport cold water from poles to equator, reducing tropical temperatures
 - ☒ 3. They transfer warm water from tropics to higher latitudes, moderating coastal climates
 - ☐ 4. They cause upwelling that supports high fisheries productivity

Q.5 Who postulated the Multiple Nuclei Theory?

- Ans**
- ☐ 1. Christaller
 - ☒ 2. Harris and Ullman
 - ☐ 3. Burgess
 - ☐ 4. Colby

Q.6 Which of the following statements best captures the challenge to the traditional concept of port hinterlands in the context of containerization?

- Ans**
- ☒ 1. Containerization has blurred the boundaries of discrete hinterlands by enabling ports to compete over the same inland markets.
 - ☐ 2. Containerization has made hinterlands more dependent on maritime forelands for trade integration.
 - ☐ 3. Due to containerization, port hinterlands are now exclusively determined by railway connectivity.
 - ☐ 4. The mobility provided by containers has expanded forelands and thus eliminated the need for hinterlands.

Q.7 What is the annual exponential urban growth rate of India according to the 2011 census?

- Ans**
- ☐ 1. 3.09%
 - ☐ 2. 2.75%
 - ☐ 3. 3.23%
 - ☒ 4. 2.76%

Q.8 Which of the following Trenches is located in the Indian Ocean?

- Ans**
- ☒ 1. Mauritius Trench
 - ☐ 2. Tonga Trench
 - ☐ 3. Romanche Trench
 - ☐ 4. Cayman Trench

Q.9 Which of the following is a terrigenous deposit?

- Ans**
- ☒ 1. Volcanic material
 - ☐ 2. Pteropod
 - ☐ 3. Radiolarian ooze
 - ☐ 4. Globigerina ooze

Q.10 What can prevent a hazard from turning into a disaster?

- Ans**
- ☐ 1. Rescue and relief
 - ☐ 2. Rehabilitation
 - ☒ 3. Mitigation and preparedness
 - ☐ 4. Recovery

Q.11 Which of the following hazard conditions is 'quasi-natural' by origin?

- Ans**
- ☐ 1. Active volcanic eruptions and associated lahar flow.
 - ☐ 2. Terrorist attack over innocent civilians.
 - ☐ 3. Earthquake effect on active plate boundary regions
 - ☒ 4. Worsened storm surge by the destruction of mangrove forest.

Q.12 Which of the following best summarizes the integrated process of hazard identification?

- Ans**
- ☒ 1. It involves surveying past events, expert inputs, and spatial mapping to assess potential threats to population centers.
 - ☐ 2. It relies solely on scientific modelling of future risks and excludes historical data.
 - ☐ 3. It primarily focuses on mapping human settlements rather than the physical environment.
 - ☐ 4. It considers hazards only in the context of natural phenomena and disregards artificial or man-made sources.

Q.13 Which of the following is not a theory of the Origin of tides?

- Ans**
- ☐ 1. Equilibrium theory
 - ☐ 2. Progressive wave theory
 - ☐ 3. Stationary wave theory
 - ☒ 4. Dynamic equilibrium theory

Q.14 Which of the following is a cold current of the Pacific Ocean?

- Ans**
- ☒ 1. Peru current
 - ☐ 2. North equatorial current
 - ☐ 3. East Australian current
 - ☐ 4. Benguela current

Q.15 Which of the following ocean currents helps in the formation of the Sargasso Sea?

- Ans**
- ☐ 1. Florida current
 - ☐ 2. Caribbean current
 - ☒ 3. Antilles current
 - ☐ 4. Irminger current

Q.16 The primary objective of the Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA) is to:

- Ans**
- ☒ 1. Provide 100 days of wage employment per year to rural households
 - ☐ 2. Ensure compulsory education for rural children
 - ☐ 3. Distribute subsidized food grains in rural areas
 - ☐ 4. Offer free housing to below-poverty-line families

Q.17 According to Hoyt's Sector Model, which of the following patterns best characterizes urban expansion and land-use allocation?

- Ans**
- ☐ 1. Equal distribution of land uses around a central point driven primarily by population density.
 - ☐ 2. Decentralized nodes of mixed urban functions forming multiple self-sustaining districts.
 - ☒ 3. A linear progression of commercial development radiating outward from the CBD due to high-income residential demand.
 - ☐ 4. Uniform circular growth driven by agricultural productivity at the urban-rural fringe.

Q.18 The degree of a distribution's peakedness is known as?

- Ans**
- ☐ 1. Peak point
 - ☐ 2. Great Value
 - ☒ 3. Kurtosis
 - ☐ 4. Skewness

Q.19 Which of these island chains or archipelagos is located in the Indian Ocean?

- Ans**
- ☐ 1. Ryukyu Islands
 - ☐ 2. Canary Islands
 - ☒ 3. Seychelles
 - ☐ 4. Galápagos Islands

Q.20 How does the combined gravitational effect of the Moon and Sun during syzygy influence the tidal behaviour?

- Ans**
- ☐ 1. No tidal effect
 - ☐ 2. Uniform high and low tides
 - ☐ 3. Only diurnal tides
 - ☒ 4. Higher high tides and lower low tides

Q.1 Which of the following may help in developing aesthetic expression among the learners?

- Ans**
- ☒ 1. Inviting subjective experiences of students
 - ☐ 2. Using standardized testing
 - ☐ 3. Resistance to change
 - ☐ 4. Limited use of resources

Q.2 What is the primary purpose of subject pedagogy planning in teaching?

- Ans**
- ☒ 1. To plan effective teaching by aligning objectives, content, and learners' needs.
 - ☐ 2. To focus only on the methods used for assessment.
 - ☐ 3. To memorize all content without considering students' needs.
 - ☐ 4. To replace the existing school curriculum entirely.

Q.3 A curriculum designed to scrutinize controversial issues and foster a commitment to social and constructive change is primarily based on which philosophical orientation?

- Ans**
- ☒ 1. Reconstructionism
 - ☐ 2. Pragmatism
 - ☐ 3. Realism
 - ☐ 4. Idealism

Q.4 Which of the following best describes a central principle of the Herbartian teaching model?

- Ans**
- ☒ 1. Teaching should link new material to prior knowledge and moral development.
 - ☐ 2. Instruction should focus solely on student-led discovery without guidance.
 - ☐ 3. Lessons should be organized around isolated facts without connection.
 - ☐ 4. Assessment is unnecessary in the teaching-learning process.

Q.5 An individual's deeply held, internal sense of being a man, woman, both, neither, or somewhere else along the gender spectrum is known as:

- Ans**
- ☐ 1. Gender Role
 - ☐ 2. Sexual Orientation
 - ☒ 3. Gender Identity
 - ☐ 4. Gender Expression

Q.6 Epistemology is the branch of philosophy that primarily studies the:

- Ans**
- ☐ 1. Structure of logical arguments and reasoning.
 - ☒ 2. Nature, origin, and limits of knowledge.
 - ☐ 3. Nature of reality and being.
 - ☐ 4. Principles of right and wrong behavior.

Q.7 Which perspective of learning emphasizes learning as a change in observable behavior?

- Ans**
- ☒ 1. Behaviorist
 - ☐ 2. Constructivist
 - ☐ 3. Humanist
 - ☐ 4. Cognitive

Q.8 Under the Rights of Persons with Disabilities (RPWD) Act, 2016, which of the following provisions most directly ensures inclusive education in mainstream schools?

- Ans**
- ☐ 1. Mandatory establishment of special schools in every district
 - ☐ 2. Exemption of children with severe disabilities from attending school
 - ☒ 3. Obligation of government to provide inclusive education and reasonable accommodation
 - ☐ 4. Reservation of seats for children with disabilities in higher education institutions

Q.9 The Likert Scale is primarily used to measure _____.

- Ans**
- ☐ 1. Aptitude
 - ☒ 2. Attitude
 - ☐ 3. Intelligence
 - ☐ 4. Reaction Time

Q.10 Which of the following LEAST describes intellectually gifted children?

- Ans**
- ☐ 1. Advanced problem-solving skills
 - ☐ 2. High levels of curiosity
 - ☐ 3. Early development of language
 - ☒ 4. Preference for repetitive tasks

Q.11 The tendency for educational curricula, particularly in history and literature, to overwhelmingly focus on the experiences, perspectives, and achievements of men while marginalizing or ignoring those of women is known as:

- Ans**
- ☐ 1. The Hidden Curriculum
 - ☐ 2. Gender Equity
 - ☐ 3. Gender Parity
 - ☒ 4. Androcentrism

Q.12 What is the primary purpose of the Language Across the Curriculum (LAC) approach?

- Ans**
- ☐ 1. To eliminate writing tasks from non-language subjects
 - ☒ 2. To integrate language learning into all subjects
 - ☐ 3. To teach only grammar in language classes
 - ☐ 4. To replace subject-specific vocabulary with simpler words

Q.13 Which type of evaluation is primarily used to determine a learner's entry behavior and existing knowledge before instruction begins?

- Ans**
- ☐ 1. Placement evaluation
 - ☒ 2. Diagnostic evaluation
 - ☐ 3. Summative evaluation
 - ☐ 4. Formative evaluation

Q.14 Which stage of creative development, as identified by Viktor Lowenfeld, is characterized by children's drawings lacking realistic proportions and often using symbolic colors, typically seen in children aged 4 to 7?

- Ans**
- ☐ 1. The Dawning Realism Stage
 - ☐ 2. The Pseudorealistic Stage
 - ☐ 3. The Scribbling Stage
 - ☒ 4. The Pre-schematic Stage

Q.15 Which term refers specifically to the quantitative changes in an individual, such as an increase in height and weight?

- Ans**
- ☐ 1. Maturation
 - ☒ 2. Growth
 - ☐ 3. Development
 - ☐ 4. Socialization

Q.16 Which term is used to describe a written document outlining the specialized instruction, supports, and services a student with a disability will receive?

- Ans**
- ☒ 1. Individualized Education Programme (IEP)
 - ☐ 2. General Education Plan (GEP)
 - ☐ 3. Response to Intervention (RTI)
 - ☐ 4. Individualized Family Service Plan (IFSP)

Q.17 Which of the following is a fundamental principle of curriculum construction?

- Ans**
-  1. Curriculum should include only advanced topics, ignoring basic concepts.
 -  2. Curriculum should focus solely on memorization of content.
 -  3. Curriculum should be organized around learners' needs, interests, and experiences.
 -  4. Curriculum should avoid assessment and evaluation methods.

Q.18 Which learning perspective would most likely interpret problem-based learning (PBL) as a process where learners actively construct knowledge by integrating new information with prior understanding within authentic contexts?

- Ans**
-  1. Behaviorist
 -  2. Humanist
 -  3. Cognitive
 -  4. Constructivist

Q.19 Which of the following best explains the relationship between measurement and evaluation in education?

- Ans**
-  1. Measurement is for activities; evaluation is for tests
 -  2. Measurement is subjective; evaluation is objective
 -  3. Measurement gives scores; evaluation draws conclusions from them
 -  4. Both are used only for assigning grades

Q.20 The traditional philosophical definition of knowledge, often associated with Plato, is known as:

- Ans**
-  1. Empirical Observation.
 -  2. Foundationalist Coherence.
 -  3. Justified True Belief.
 -  4. Reliable Truth Theory.

Test Date	16/07/2026
Test Time	2:00 PM - 5:00 PM
Subject	PGT Geography

Section : **Mental Ability and Reasoning Ability**

Q.1 In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Which numbers should replace X and Y so that the pattern followed by the two numbers on the left side of the double colon (::) is same as that on the right side of the double colon (::)?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

X : 135 :: 17 : Y

- Ans
- ☒ 1. X = 15, Y = 135
 - ☒ 2. X = 15, Y = 153
 - ☒ 3. X = 13, Y = 171
 - ☒ 4. X = 13, Y = 127

Q.2 M, N, O, P, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is number 2 and so on, till the topmost floor is numbered 6. Only two people live between E and N. Only O lives above P. F lives on an even-numbered floor. E lives on the lowermost floor. How many people live between M and O?

- Ans
- ☒ 1. One
 - ☒ 2. Four
 - ☒ 3. Three
 - ☒ 4. Two

Q.3 This question is based on the following words.

(Left) YOU GOT LYE FOB (Right)

How many letters are there between the third letter of the second word from the right and the third letter of the second word from the left, counted in the English alphabetical order?

- Ans
- ☒ 1. 13
 - ☒ 2. 12
 - ☒ 3. 11
 - ☒ 4. 14

Q.4 In the following series, only one letter cluster is wrong. Find out the wrong letter cluster.
ADL CFN BEM GJR ILT KNV

- Ans
- ☒ 1. KNG
 - ☒ 2. BEM
 - ☒ 3. CFN
 - ☒ 4. ILU

Q.5 In a certain code language,
A + B means 'A is the brother of B',
A – B means 'A is the husband of B',
A × B means 'A is the mother of B' and
A ÷ B means 'A is the sister of B'.
Based on the above information, how is K related to O if 'K + L – M × N ÷ O'?

- Ans
- ☒ 1. Mother's brother
 - ☒ 2. Father's father
 - ☒ 3. Mother's father
 - ☒ 4. Father's brother

Q.6 Based on the English alphabetical order, three of the following four letter cluster pairs are alike in a certain way and thus form a group. Which is the one that does not belong to that group?

- Ans**
-  1. RT - MO
 -  2. IK - PU
 -  3. LN - GI
 -  4. NP - IK

Q.7 Below are given two sets of numbers. In each set of numbers, a certain mathematical operation on first number results in the second number. Similarly, certain mathematical operation on second number results in the third number and so on. Which of the given options follows the same set of operations as in question?

(NOTE – A two/three digit number cannot be broken into individual digits for operations e.g. if 37 is followed by 10, the operation cannot be 3+7 as a two digit number cannot be broken into individual digits)

11 – 18 – 31 – 53;
15 – 22 – 35 – 61

- Ans**
-  1. 10 – 17 – 30 – 69
 -  2. 12 – 19 – 33 – 57
 -  3. 13 – 20 – 7 – 5
 -  4. 8 – 15 – 28 – 47

Q.8 Each of D, E, F, G, R, S and T has exam on a different day of a week, starting from Monday and ending on Sunday of the same week. No one has exam before G. Only three people have exam between G and T. Only one person has exam between T and F. E has exam on Wednesday. D has exam on one of the days after S, but on one of the days before R. On which day of the week does D have exam?

- Ans**
-  1. Tuesday
 -  2. Saturday
 -  3. Friday
 -  4. Thursday

Q.9 Eight people are sitting in two parallel rows containing 4 people each in such a way that there is equal distance between adjacent persons.
In row 1 – D, E, T and U are seated and all of them are facing south
In row 2 – F, G, V and W are seated and all of them are facing north.
Thus each person faces another person from the other row.
F faces the one sitting to the immediate right of U. Only one person sits between F and W. Only two people sit between V and W. W faces the one sitting second to the left of D. T sits at some place to the right of E. Which of the following represents both people facing each other?

- Ans**
-  1. E and V
 -  2. U and G
 -  3. D and V
 -  4. T and W

Q.10 This question is based on the following words:
(Left) PAT BET FAB ERA (Right)
How many letters are there between third letter of the second word from the right and the third letter of the first word from the left, counted in alphabetical order?

- Ans**
-  1. 15
 -  2. 16
 -  3. 17
 -  4. 18

Q.11 Based on the alphabetical order, three of the following four are alike in a certain way and thus form a group. Which is the one that does not belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster.)

- Ans**
- ☒ 1. HJG
 - ☒ 2. GJF
 - ☒ 3. MOL
 - ☒ 4. QSP

Q.12 In the following series, only one letter cluster is incorrect. Select the INCORRECT letter cluster.

GEZ BZU WTO RPK MKF

- Ans**
- ☒ 1. RPK
 - ☒ 2. WTO
 - ☒ 3. BZU
 - ☒ 4. MKF

Q.13 What should come in place of the question mark (?) in the given series?

253 219 185 151 117 ?

- Ans**
- ☒ 1. 105
 - ☒ 2. 109
 - ☒ 3. 83
 - ☒ 4. 91

Q.14 If + means $\times$, $\times$ means $\div$, $\div$ means +, then what will come in place of the question mark (?) in the following equation?

$76 \times 4 \div 21 + 7 - 4 = ?$

- Ans**
- ☒ 1. 11
 - ☒ 2. 38
 - ☒ 3. 12
 - ☒ 4. 22

Q.15 In a certain code language, "VKBL" is coded as "33" and "QASH" is coded as "31". What is the code for "XMIC" in the given language?

- Ans**
- ☒ 1. 32
 - ☒ 2. 39
 - ☒ 3. 35
 - ☒ 4. 30

Q.16 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements: All lamps are monk. Some monks are rabbits. No rabbit is a fur.

Conclusions (I) : No lamp is a fur.

Conclusions (II) : Some rabbits are lamps.

- Ans**
- ☒ 1. Neither conclusion (I) nor (II) follows
 - ☒ 2. Only conclusion (II) follows
 - ☒ 3. Only conclusion (I) follows
 - ☒ 4. Both conclusions (I) and (II) follow

Q.17 MOKI is related to HJFD in a certain way based on the English alphabetical order. In the same way, SUQO is related to NPLJ. To which of the following is EGCA related to, following the same logic.

- Ans**
- ☒ 1. ZAWV
 - ☒ 2. ZCWB
 - ☒ 3. ZBWV
 - ☒ 4. ZBXV

Q.18 What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$15 \div 2 + 42 \times 6 - 9 = ?$$

- Ans**
- ☐ 1. 37
 - ☒ 2. 32
 - ☐ 3. 33
 - ☐ 4. 35

Q.19 Which of the following letter-clusters should replace '#' and '%' so that the pattern and relationship between the letter-cluster pair on the left side of '::' is the same as that on the right side of '::'?

: CYU :: LFK : %

- Ans**
- ☐ 1. # = DYS, % = KGL
 - ☐ 2. # = DXS, % = KGL
 - ☐ 3. # = DXT, % = JGL
 - ☒ 4. # = DXT, % = KGL

Q.20 Param starts from point A and drives 2km towards East. He then takes a right turn and drives 3km. He takes a final right turn and drives 11km and stops at point B. Sidhart starts from point P, which is 12km East of Point A, and drives 3km towards East. He then takes a right turn and drives 3km. He takes a final left turn and drives 9km and stops at Point Q. What is the shortest distance between Point Q and Point B? (All turns are 90-degree turns only.)

- Ans**
- ☒ 1. 33km
 - ☐ 2. 31km
 - ☐ 3. 32km
 - ☐ 4. 34km

Section : **General Awareness**

Q.1 Fatwa-i-Jahandari was written by which of the following authors?

- Ans**
- ☐ 1. Minhaj-us-Siraj
 - ☐ 2. Al-Biruni
 - ☒ 3. Ziauddin Barani
 - ☐ 4. Amir Khusrau

Q.2 On which date in 2025 was the 41st Raising Day of the National Security Guard (NSG) celebrated in India?

- Ans**
- ☐ 1. 26 January 2025
 - ☐ 2. 15 August 2025
 - ☐ 3. 4 December 2025
 - ☒ 4. 16 October 2025

Q.3 Which of the following hill ranges belongs to the Chotanagpur plateau region?

- Ans**
- ☐ 1. Nilgiri
 - ☐ 2. Aravalli
 - ☒ 3. Parasnath
 - ☐ 4. Garo

Q.4 Which of the following mountain ranges is located to the north of the Greater Himalayas?

- Ans**
- ☐ 1. Vindhya Range
 - ☐ 2. Western Ghats
 - ☒ 3. Zaskar Range
 - ☐ 4. Pir Panjal Range

Q.5	Which of the following statements about the Directive Principles of State Policy (DPSP) is correct?
Ans	1. DPSPs are contained in Part IV of the Indian Constitution, from Articles 46 to 61 2. DPSPs were borrowed from the Constitution of the USA 3. DPSPs are contained in Part IV of the Indian Constitution, from Articles 36 to 51 4. DPSPs are justiciable and enforceable by courts
Q.6	In which year was the 'Benares Sanskrit College', now known as Sampurnanand Sanskrit Vishwavidyalaya (SSVV), established?
Ans	1. 1777 2. 1791 3. 1798 4. 1781
Q.7	A dispute concerning property ownership is instituted before a District Court. Which role of subordinate courts is illustrated?
Ans	1. Judicial review of legislation 2. Advisory jurisdiction 3. Constitutional amendment 4. Trial of civil disputes
Q.8	Which of the following correctly matches the terms related to sound waves given in Column I with their descriptions in Column II? Column I Column II A. Amplitude 1. Number of oscillations per second B. Frequency 2. Maximum displacement from the mean position C. Time period 3. Time taken for one complete oscillation D. Wavelength 4. Distance between two consecutive compressions
Ans	1. A–4, B–3, C–1, D–2 2. A–3, B–1, C–4, D–2 3. A–4, B–1, C–3, D–2 4. A–2, B–1, C–3, D–4
Q.9	Articles 12 to 35 of the Constitution of India are grouped under which Part?
Ans	1. Part V 2. Part III 3. Part IV 4. Part II
Q.10	Tobacco smoke has been strongly associated with lung cancer. The chemicals present in tobacco that can induce cancer are classified as:
Ans	1. Enzymes 2. Hormones 3. Antigens 4. Carcinogens
Q.11	The introduction of GST in India in 2017 had a significant impact on _____.
Ans	1. Simplifying tax structure and broadening the tax base 2. Increasing subsidies on goods 3. Increasing fiscal deficit 4. Complicating the existing tax system
Q.12	When was the 'Divya Drishti' exercise conducted by the Indian Army in Sikkim?
Ans	1. August 2025 2. April 2025 3. March 2025 4. July 2025

Q.13 When was 2nd EU–India Green Hydrogen Business Forum held?

- Ans
- ☐ 1. July 2025
 - ☐ 2. April 2025
 - ☒ 3. May 2025
 - ☐ 4. June 2025

Q.14 Which board has mandated a 75% attendance requirement for students to be eligible for the 2026 board examinations in August 2025?

- Ans
- ☐ 1. Indian Certificate of Secondary Education
 - ☒ 2. Central Board of Secondary Education
 - ☐ 3. National Institute of Open Schooling
 - ☐ 4. Haryana Board of School Education

Q.15 Which of the following pairs is correctly matched?

- Ans
- ☐ 1. Prarthana Samaj – Ritualistic Hinduism
 - ☐ 2. Brahmo Samaj – Polytheism
 - ☒ 3. Arya Samaj – Against idol worship
 - ☐ 4. Ramakrishna Mission – Evangelical Christianity

Q.16 Which of the following language families does Konkani belong to?

- Ans
- ☐ 1. Sino-Tibetan language family
 - ☐ 2. Austroasiatic language family
 - ☒ 3. Indo-European language family
 - ☐ 4. Dravidian language family

Q.17 Which of the following is NOT classified as a renewable biotic resource?

- Ans
- ☒ 1. Fossil fuels
 - ☐ 2. Rangelands
 - ☐ 3. Forests
 - ☐ 4. Wildlife

Q.18 A Department-related Standing Committee examines delays in implementing an environmental law, seeks explanations from officials, and reports its findings to Parliament. This illustrates:

- Ans
- ☐ 1. Judicial review of administrative action
 - ☐ 2. Collective responsibility of ministers to the President
 - ☐ 3. Federal supervision of State executives
 - ☒ 4. Legislative scrutiny of executive implementation

Q.19 Which rank was given to India in the World Air Quality Report 2024 published in March 2025 in terms of the most polluted countries globally?

- Ans
- ☐ 1. 8th
 - ☐ 2. 4th
 - ☐ 3. 10th
 - ☒ 4. 5th

Q.20 What is the primary objective of Securities and Exchange Board of India (SEBI)-approved methods such as Initial Public Offer (IPO), Offer for Sale (OFS), and share buybacks in the disinvestment of Central Public Sector Enterprises (CPSEs)?

- Ans
- ☐ 1. Facilitate private control transfers through enterprise management changes.
 - ☐ 2. Facilitate institutional ownership growth through restricted participation.
 - ☐ 3. Facilitate employee ownership expansion through enterprise restructuring.
 - ☒ 4. Facilitate government stake sales through regulated capital market mechanisms.

Q.1 Find the value of m for which it satisfies

$$\left(\frac{22}{7}\right)^4 \times \left(\frac{7}{22}\right)^7 \times \left(\frac{22}{7}\right)^{11} = \left(\frac{7}{22}\right)^{5m+12}$$

- Ans
- ☐ 1. 4
 - ☒ 2. -4
 - ☐ 3. -2
 - ☐ 4. -7

Q.2 During a journey, a person covers a certain distance in 3 hours at a speed of 9 km/h and the remaining distance in 4 hours at a speed of 3 km/h. Find his average speed (in km/h) for the entire journey.

- Ans
- ☐ 1. $4\frac{4}{7}$
 - ☒ 2. $5\frac{4}{7}$
 - ☐ 3. $6\frac{4}{7}$
 - ☐ 4. $7\frac{4}{7}$

Q.3 Two pipes A and B can fill a tank in 21 hours and 15 hours, respectively. If both the pipes are opened simultaneously, then the time taken to fill the tank is:

- Ans
- ☐ 1. $10\frac{3}{4}$ hours
 - ☒ 2. $8\frac{3}{4}$ hours
 - ☐ 3. $6\frac{3}{4}$ hours
 - ☐ 4. $18\frac{3}{4}$ hours

Q.4 Shalini travels a distance of 468 km at a speed of 52 km/h and 288 km at a speed of 96 km/h. Find the average speed (in km/h) of Shalini for the entire journey.

- Ans
- ☒ 1. 63
 - ☐ 2. 56
 - ☐ 3. 58
 - ☐ 4. 72

Q.5 A sum of ₹95000 deposited at a certain rate of compound interest, compounded annually, becomes 5 times of itself after 8 years. How much will it become after 24 years at the same rate of compound interest?

- Ans
- ☐ 1. ₹11874000
 - ☐ 2. ₹11876000
 - ☐ 3. ₹11877000
 - ☒ 4. ₹11875000

Q.6 A man sold an article for ₹129, thereby gaining 7.5%. The cost price (in ₹) of the article for the seller was:

- Ans
- ☐ 1. 138.67
 - ☐ 2. 139.46
 - ☒ 3. 120
 - ☐ 4. 119.32

Q.7 Three pipes A, B and C can fill a tank in 10 hours, 15 hours, and 30 hours respectively. Pipes A, B and C are opened at 6 a.m., 7 a.m. and 8 a.m. respectively on the same day. When will the tank be full?

- Ans**
- ☐ 1. 4:40 p.m.
 - ☒ 2. 11:40 a.m.
 - ☐ 3. 2:20 p.m.
 - ☐ 4. 12:20 p.m.

Q.8 A shopkeeper marks his articles at such a price that, even after allowing a discount of 32% on the marked price, he earns a profit of 2%. What is the marked price of an article that costs ₹7,200?

- Ans**
- ☒ 1. ₹10,800
 - ☐ 2. ₹12,000
 - ☐ 3. ₹9,600
 - ☐ 4. ₹8,400

Q.9 At what annual rate of interest will ₹3250 yield ₹650 as simple interest in 10 years?

- Ans**
- ☐ 1. 5%
 - ☒ 2. 2%
 - ☐ 3. 4%
 - ☐ 4. 1%

Q.10 A student's marks were incorrectly entered as 42 instead of 26. Due to this error, the average marks of the class increased by $\frac{4}{3}$. What is the number of students in the class?

- Ans**
- ☐ 1. 10
 - ☒ 2. 12
 - ☐ 3. 14
 - ☐ 4. 16

Q.11 What percentage of the numbers from 1 to 140 have 1 or 6 in the units' digit?

- Ans**
- ☐ 1. 12%
 - ☐ 2. 13%
 - ☐ 3. 21%
 - ☒ 4. 20%

Q.12 P started a business with an investment of ₹88,000, and after a few months, R joined him and invested ₹66,000. At the end of the year, the total profit was divided between them in the ratio of 24 : 6. After how many months did R join the business?

- Ans**
- ☒ 1. 8
 - ☐ 2. 6
 - ☐ 3. 7
 - ☐ 4. 9

Q.13 The curved surface area of a right circular cone is $240\pi \text{ cm}^2$. The radius of its base and its height are in the ratio of 3 : 4. Find the sum (in cm) of its height and the diameter of its base.

- Ans**
- ☐ 1. 28
 - ☐ 2. 36
 - ☐ 3. 44
 - ☒ 4. 40

Q.14 Study the given table and answer the question that follows.

The following table shows the categories of vehicles sold (in thousand) in the country over the years

Year	Tractor	E-Rickshaw	Car	Bike
2017	42	52	182	252
2018	45	65	195	272
2019	38	72	201	285
2020	55	78	223	312
2021	50	88	240	342
2022	64	94	265	355

Find the ratio of the average annual sale of tractors to the average annual sale of bikes during the given years.

- Ans
-  1. 18 : 305
 -  2. 47 : 305
 -  3. 29 : 303
 -  4. 49 : 303

Q.15 Simplify: $(a^3 \times b^3 \times c^{-6}) \times (a^{-8} \times b^{10} \times c^{-2})$

- Ans
-  1. $a^{-7} \times b^{-4} \times c^5$
 -  2. $a^{-5} \times b^{13} \times c^{-8}$
 -  3. $a^{-10} \times b^4 \times c^6$
 -  4. $a^1 \times b^{-7} \times c^5$

Q.16 An article is sold at a profit of 61%. If the cost price is increased by ₹50 and the selling price is reduced by ₹41, then the profit would be 44.8%. What is the original cost price (in ₹) of the article?

- Ans
-  1. 900
 -  2. 600
 -  3. 700
 -  4. 500

Q.17 The volume (in m^3) of a cube, each of whose edges is 30 m, is:

- Ans
-  1. 27000
 -  2. 26977
 -  3. 27160
 -  4. 26899

Q.18 If $48 : 8 :: 90 : x$, then find the value of x.

- Ans
-  1. 11
 -  2. 20
 -  3. 15
 -  4. 17

Q.19 Find the value of x satisfying $(5^x) \times (25^{14}) \times (125^6) = (625^{12})$

- Ans
-  1. 2
 -  2. 4
 -  3. -4
 -  4. -7

Q.20 Find the volume of a toy of height 11 cm which is made by surmounting a cone of largest base on a cube of side 3 cm.

- Ans
-  1. $(25+6\pi) \text{ cm}^3$
 -  2. $(27+4\pi) \text{ cm}^3$
 -  3. $(27+6\pi) \text{ cm}^3$
 -  4. $(21+6\pi) \text{ cm}^3$

Section : English Language and Comprehension

Q.1 Read the following paragraph and identify the misspelled word.

The junior diplomat, known for his otherwise meticulous preparation, made a grave faux pas during the international summit. His comments, perceived as a sacreligious affront to the host nation's traditions, required an immediate and public apology from the entire delegation.

- Ans**
- ☒ 1. meticulous
 - ☒ 2. sacreligious
 - ☒ 3. delegation
 - ☒ 4. faux pas

Q.2 Replace the segment in quotes with an appropriate proverb.

At the roundtable, every nation condemned the violence, yet none offered aid—each choosing to drop a tear and tighten their borders. This proves the famous saying, "It is easy to talk about the correct course of action, but much harder to actually put those words into action."

- Ans**
- ☒ 1. Empty vessels make the most noise.
 - ☒ 2. All that glitters is not gold.
 - ☒ 3. The road to hell is paved with good intentions.
 - ☒ 4. Talk is cheap.

Q.3 Choose the appropriate question tag to fill in the blank.

The researcher could have avoided this error, _____?

- Ans**
- ☒ 1. couldn't he
 - ☒ 2. wouldn't he
 - ☒ 3. would he
 - ☒ 4. could he

Q.4 Select the antonym of the highlighted word in the conversation.

Professor: Her approach was too didactic, making students feel lectured rather than engaged.

Colleague: I prefer a more Socratic method, encouraging critical thinking.

- Ans**
- ☒ 1. Dialogic
 - ☒ 2. Instructive
 - ☒ 3. Repetitive
 - ☒ 4. Directive

Q.5 Complete the following sentence with the most appropriate option.

Despite facing challenges during the experiment, the researchers managed to complete it on time.

- Ans**
- ☒ 1. little
 - ☒ 2. several
 - ☒ 3. much
 - ☒ 4. any

Q.6 Choose the word that can best substitute the highlighted phrase:

His colleagues often avoided him in the mornings. His quality of being easily provoked to anger or irritation meant that a misplaced cup of coffee or a minor technical glitch could trigger a disproportionate outburst. It wasn't malice, but a short fuse that made him difficult to work with.

- Ans**
- ☒ 1. Impetuosity
 - ☒ 2. Petulance
 - ☒ 3. Acrimony
 - ☒ 4. Irrascibility

Q.7 Choose the word that can best substitute the highlighted phrase:
A quiet resignation settled over the village after the flood, a palpable sense of the belief that all events are predetermined by fate and are therefore inevitable. Instead of rebuilding with urgency, the elders spoke of cosmic cycles and the futility of fighting against a predetermined destiny.

- Ans**
- ☒ 1. Stoicism
 - ☒ 2. Solipsism
 - ☒ 3. Fatalism
 - ☒ 4. Empiricism

Q.8 Complete the given sentence by choosing the correct form of verb from the options.

She avoided the topic during the meeting, knowing it might cause unnecessary tension.

- Ans**
- ☒ 1. mentioning
 - ☒ 2. having mention
 - ☒ 3. mention
 - ☒ 4. to mention

Q.9 Replace the segment in quotes with the appropriate idiom.

Though her analysis appeared meticulously reasoned, it became evident during the rebuttal that she was merely "stringing arguments along a tinsel thread, offering superficial connections without logical heft".

- Ans**
- ☒ 1. building castles in the air
 - ☒ 2. scraping the surface
 - ☒ 3. paying lip service
 - ☒ 4. beating around the bush

Q.10 Choose the appropriate question tag to fill in the blank.

This theory doesn't undermine traditional beliefs, _____?

- Ans**
- ☒ 1. didn't it
 - ☒ 2. did it
 - ☒ 3. doesn't it
 - ☒ 4. does it

Q.11 Rearrange the jumbled sentences in the correct order to form a coherent paragraph.

A. For example, the sea otter's predation on sea urchins prevents the destruction of kelp forests.
B. Its removal from the ecosystem can trigger a domino effect, leading to a dramatic shift in the ecosystem's structure.
C. A keystone species is an organism that helps define an entire ecosystem.
D. Despite its often low population numbers, its impact is disproportionately large compared to its abundance.

- Ans**
- ☒ 1. C - A - B - D
 - ☒ 2. A - C - D - B
 - ☒ 3. C - D - B - A
 - ☒ 4. B - D - C - A

Q.12 Complete the following sentence with the most appropriate option.

He acknowledged his mistake, which made his apology seem sincere and heartfelt.

- Ans**
- ☒ 1. genuinely
 - ☒ 2. slightly
 - ☒ 3. exactly
 - ☒ 4. rarely

Q.13 Rearrange the jumbled sentences in the correct order to form a coherent paragraph.

- A. Before its invention in the 15th century, books were painstakingly copied by hand, making them rare and expensive.
- B. Johannes Gutenberg's printing press is often cited as one of history's most important inventions.
- C. Suddenly, information could be reproduced quickly and cheaply, fueling the Renaissance, the Reformation, and the Age of Enlightenment.
- D. This mechanization of book production led to a massive increase in literacy rates across the continent.

- Ans
- ☐ 1. C - D - B - A
 - ☐ 2. B - C - A - D
 - ☒ 3. B - A - C - D
 - ☐ 4. A - B - D - C

Q.14 Select the synonym of the highlighted word in the conversation.

Announcer A: That wasn't just a win; it was a **trouncing**!

Announcer B: The opposing team looked like they were practicing yoga mid-match.

- Ans
- ☐ 1. Tie
 - ☐ 2. Offense
 - ☐ 3. Competition
 - ☒ 4. Defeat

Q.15 Read the following paragraph and identify the misspelled word.

Faced with overwhelming evidence and political pressure, the committee's final decision felt less like a consensus and more like a reluctant acquiescence to the inevitable. The chairperson's stoic silence was interpreted by many as a sign of protest rather than agreement.

- Ans
- ☐ 1. consensus
 - ☐ 2. chairperson
 - ☒ 3. acquiescence
 - ☐ 4. overwhelming

Comprehension:

Read the passage carefully and answer the questions that follow:

The Anthropocene epoch, a term gaining traction among scientists and environmental theorists, marks a significant departure from the Holocene, the previous geological epoch. Unlike prior epochs defined by natural geological forces, the Anthropocene is characterized by human impact as the dominant force shaping Earth's systems. Climate change, biodiversity loss, deforestation, plastic pollution, and urban sprawl all serve as markers of this new epoch. The core debate lies in determining when exactly this era began. Some scholars trace it back to the Industrial Revolution, when fossil fuel consumption rapidly increased. Others suggest a more recent origin: the mid-20th century, known as the "Great Acceleration," when global economic expansion, nuclear testing, and mass production dramatically intensified human influence on the planet.

Critics argue that focusing solely on the term "Anthropocene" obscures the uneven responsibility different societies bear. For instance, affluent nations have historically contributed more to carbon emissions, while vulnerable communities—often in the Global South—suffer disproportionately from environmental degradation. This calls into question the fairness of a term that seemingly implicates all humans equally.

Beyond scientific discourse, the Anthropocene is also reshaping the humanities. Writers, artists, and philosophers are grappling with how to represent a world in ecological crisis. Concepts like "climate grief," "solastalgia" (a form of homesickness for a disappearing environment), and "eco-anxiety" have entered public consciousness. Literature, film, and visual art are increasingly preoccupied with environmental collapse and human responsibility. This interdisciplinary engagement suggests that the Anthropocene is not just a geological shift, but a cultural and ethical reckoning—a moment that demands new ways of imagining coexistence with the planet and its life forms.

SubQuestion No : 16

Q.16 What is the central theme of the passage?

- Ans
- ☐ 1. The debate over the terminology used to describe the current geological epoch
 - ☐ 2. The disproportionate environmental responsibility of affluent nations
 - ☒ 3. The multifaceted implications of the Anthropocene epoch
 - ☐ 4. The precise scientific starting point of the Anthropocene

Comprehension:

Read the passage carefully and answer the questions that follow:

The Anthropocene epoch, a term gaining traction among scientists and environmental theorists, marks a significant departure from the Holocene, the previous geological epoch. Unlike prior epochs defined by natural geological forces, the Anthropocene is characterized by human impact as the dominant force shaping Earth's systems. Climate change, biodiversity loss, deforestation, plastic pollution, and urban sprawl all serve as markers of this new epoch. The core debate lies in determining when exactly this era began. Some scholars trace it back to the Industrial Revolution, when fossil fuel consumption rapidly increased. Others suggest a more recent origin: the mid-20th century, known as the "Great Acceleration," when global economic expansion, nuclear testing, and mass production dramatically intensified human influence on the planet.

Critics argue that focusing solely on the term "Anthropocene" obscures the uneven responsibility different societies bear. For instance, affluent nations have historically contributed more to carbon emissions, while vulnerable communities—often in the Global South—suffer disproportionately from environmental degradation. This calls into question the fairness of a term that seemingly implicates all humans equally.

Beyond scientific discourse, the Anthropocene is also reshaping the humanities. Writers, artists, and philosophers are grappling with how to represent a world in ecological crisis. Concepts like "climate grief," "solastalgia" (a form of homesickness for a disappearing environment), and "eco-anxiety" have entered public consciousness. Literature, film, and visual art are increasingly preoccupied with environmental collapse and human responsibility. This interdisciplinary engagement suggests that the Anthropocene is not just a geological shift, but a cultural and ethical reckoning—a moment that demands new ways of imagining coexistence with the planet and its life forms.

SubQuestion No : 17

Q.17 What is the most appropriate title for this passage?

- Ans**
- ☒ 1. Climate Grief and the Arts
 - ☒ 2. The Rise of the Holocene Epoch
 - ☒ 3. Rethinking the Anthropocene
 - ☒ 4. Ethics of Global Industrialization

Comprehension:

Read the passage carefully and answer the questions that follow:

The Anthropocene epoch, a term gaining traction among scientists and environmental theorists, marks a significant departure from the Holocene, the previous geological epoch. Unlike prior epochs defined by natural geological forces, the Anthropocene is characterized by human impact as the dominant force shaping Earth's systems. Climate change, biodiversity loss, deforestation, plastic pollution, and urban sprawl all serve as markers of this new epoch. The core debate lies in determining when exactly this era began. Some scholars trace it back to the Industrial Revolution, when fossil fuel consumption rapidly increased. Others suggest a more recent origin: the mid-20th century, known as the "Great Acceleration," when global economic expansion, nuclear testing, and mass production dramatically intensified human influence on the planet.

Critics argue that focusing solely on the term "Anthropocene" obscures the uneven responsibility different societies bear. For instance, affluent nations have historically contributed more to carbon emissions, while vulnerable communities—often in the Global South—suffer disproportionately from environmental degradation. This calls into question the fairness of a term that seemingly implicates all humans equally.

Beyond scientific discourse, the Anthropocene is also reshaping the humanities. Writers, artists, and philosophers are grappling with how to represent a world in ecological crisis. Concepts like "climate grief," "solastalgia" (a form of homesickness for a disappearing environment), and "eco-anxiety" have entered public consciousness. Literature, film, and visual art are increasingly preoccupied with environmental collapse and human responsibility. This interdisciplinary engagement suggests that the Anthropocene is not just a geological shift, but a cultural and ethical reckoning—a moment that demands new ways of imagining coexistence with the planet and its life forms.

SubQuestion No : 18

Q.18 According to the passage, why is there debate over the term "Anthropocene"?

- Ans**
- ☒ 1. Because it fails to include artistic perspectives
 - ☒ 2. Because it is not recognized by any scientific body
 - ☒ 3. Because it originated in the Holocene
 - ☒ 4. Because it treats all humans as equally responsible

Comprehension:

Read the passage carefully and answer the questions that follow:

The Anthropocene epoch, a term gaining traction among scientists and environmental theorists, marks a significant departure from the Holocene, the previous geological epoch. Unlike prior epochs defined by natural geological forces, the Anthropocene is characterized by human impact as the dominant force shaping Earth's systems. Climate change, biodiversity loss, deforestation, plastic pollution, and urban sprawl all serve as markers of this new epoch. The core debate lies in determining when exactly this era began. Some scholars trace it back to the Industrial Revolution, when fossil fuel consumption rapidly increased. Others suggest a more recent origin: the mid-20th century, known as the "Great Acceleration," when global economic expansion, nuclear testing, and mass production dramatically intensified human influence on the planet.

Critics argue that focusing solely on the term "Anthropocene" obscures the uneven responsibility different societies bear. For instance, affluent nations have historically contributed more to carbon emissions, while vulnerable communities—often in the Global South—suffer disproportionately from environmental degradation. This calls into question the fairness of a term that seemingly implicates all humans equally.

Beyond scientific discourse, the Anthropocene is also reshaping the humanities. Writers, artists, and philosophers are grappling with how to represent a world in ecological crisis. Concepts like "climate grief," "solastalgia" (a form of homesickness for a disappearing environment), and "eco-anxiety" have entered public consciousness. Literature, film, and visual art are increasingly preoccupied with environmental collapse and human responsibility. This interdisciplinary engagement suggests that the Anthropocene is not just a geological shift, but a cultural and ethical reckoning—a moment that demands new ways of imagining coexistence with the planet and its life forms.

SubQuestion No : 19

Q.19 Which of the following best describes the tone of the passage?

- Ans
- ☒ 1. Celebratory and enthusiastic
 - ☒ 2. Satirical and ironic
 - ☒ 3. Apathetic and indifferent
 - ☒ 4. Reflective and critical

Comprehension:

Read the passage carefully and answer the questions that follow:

The Anthropocene epoch, a term gaining traction among scientists and environmental theorists, marks a significant departure from the Holocene, the previous geological epoch. Unlike prior epochs defined by natural geological forces, the Anthropocene is characterized by human impact as the dominant force shaping Earth's systems. Climate change, biodiversity loss, deforestation, plastic pollution, and urban sprawl all serve as markers of this new epoch. The core debate lies in determining when exactly this era began. Some scholars trace it back to the Industrial Revolution, when fossil fuel consumption rapidly increased. Others suggest a more recent origin: the mid-20th century, known as the "Great Acceleration," when global economic expansion, nuclear testing, and mass production dramatically intensified human influence on the planet.

Critics argue that focusing solely on the term "Anthropocene" obscures the uneven responsibility different societies bear. For instance, affluent nations have historically contributed more to carbon emissions, while vulnerable communities—often in the Global South—suffer disproportionately from environmental degradation. This calls into question the fairness of a term that seemingly implicates all humans equally.

Beyond scientific discourse, the Anthropocene is also reshaping the humanities. Writers, artists, and philosophers are grappling with how to represent a world in ecological crisis. Concepts like "climate grief," "solastalgia" (a form of homesickness for a disappearing environment), and "eco-anxiety" have entered public consciousness. Literature, film, and visual art are increasingly preoccupied with environmental collapse and human responsibility. This interdisciplinary engagement suggests that the Anthropocene is not just a geological shift, but a cultural and ethical reckoning—a moment that demands new ways of imagining coexistence with the planet and its life forms.

SubQuestion No : 20

Q.20 Choose the correct antonym for the word "preoccupied" as used in the sentence:

"Literature, film, and visual art are increasingly preoccupied with environmental..."

- Ans
- ☒ 1. Aware
 - ☒ 2. Unconcerned
 - ☒ 3. Inspired
 - ☒ 4. Confused

Section : Hindi Language and Comprehension

Q.1 'इस बार स्थाई सरकार की स्थापना होगी।' वाक्य के किस अंश में त्रुटि है?

- Ans
- ☒ 1. स्थाई
 - ☒ 2. स्थापना होगी।
 - ☒ 3. इस बार
 - ☒ 4. सरकार की

Q.2 'श्री राम को चौदह वर्ष का बनबास हुआ।' वाक्य के किस अंश में त्रुटि है?

- Ans
- ☐ 1. को चौदह
 - ☐ 2. वर्ष का
 - ☐ 3. श्री राम
 - ☒ 4. बनबास हुआ।

Q.3 निम्नलिखित वाक्य के रिक्त स्थान में उचित क्रिया की पूर्ति कीजिए -
'गायक _____ है।'

- Ans
- ☐ 1. पीती
 - ☐ 2. कहती
 - ☒ 3. गाता
 - ☐ 4. नाचती

Q.4 दिये गए वाक्य के रेखांकित शब्द का सबसे उपयुक्त पर्यायवाची शब्द चुनिए -

पृथ्वी सौरमंडल का एकमात्र ऐसा ग्रह है, जिस पर जीवन है।

- Ans
- ☐ 1. वल्लभा
 - ☐ 2. क्षणप्रभा
 - ☐ 3. अशिन
 - ☒ 4. उर्वी

Q.5 दिये गये वाक्य का सही क्रम होगा -
'उस पर एक मुक्त बाज़ार वास्तव में मुक्त नहीं है, महाशक्ति और उसके सहयोगियों का वर्चस्व है।'

- Ans
- ☐ 1. मुक्त बाज़ार उस पर एक वास्तव में मुक्त नहीं है, महाशक्ति और उसके सहयोगियों का वर्चस्व है।
 - ☐ 2. उसके सहयोगियों का वास्तव में मुक्त नहीं है उस वर्चस्व है पर एक मुक्त बाज़ार, महाशक्ति और।
 - ☒ 3. मुक्त बाज़ार वास्तव में मुक्त नहीं है, उस पर एक महाशक्ति और उसके सहयोगियों का वर्चस्व है।
 - ☐ 4. वास्तव में मुक्त नहीं है उस वर्चस्व है पर एक मुक्त बाज़ार, महाशक्ति और उसके सहयोगियों का।

Q.6 दिये गए वाक्य के रेखांकित शब्द का सबसे उपयुक्त विलोम शब्द चुनिए -
निरुद्ध व्यक्ति कभी सफलता प्राप्त नहीं कर पाता है।

- Ans
- ☐ 1. उद्योत
 - ☐ 2. उद्भिद
 - ☐ 3. निरुद्ध
 - ☒ 4. उद्यमी

Q.7 रीतिवाचक क्रिया विशेषण से वाक्य पूर्ण करें -
मेरे पिताजी -----आ गए।

- Ans
- ☐ 1. धीरे
 - ☐ 2. अच्छी तरह
 - ☒ 3. अचानक
 - ☐ 4. कब

Q.8 निम्नलिखित वाक्य के रिक्त स्थान में उचित क्रिया-विशेषण की पूर्ति कीजिए-
'करिश्मा को मैं _____ जानता हूँ।'

- Ans
- ☐ 1. इस ओर
 - ☐ 2. जिस ओर
 - ☐ 3. कौन
 - ☒ 4. भली-भाँति

Q.9 निम्नलिखित वाक्य के रिक्त स्थान में उचित क्रिया-विशेषण की पूर्ति कीजिए-
'सामान _____ है।'

- Ans
- ☐ 1. पतला
 - ☒ 2. बहुत
 - ☐ 3. झूठ
 - ☐ 4. सच

Q.10 दिये गये वाक्यांश के लिए सार्थक शब्द का चयन करें-
'जिसे तोड़ा न जा सके'-

- Ans
- ☒ 1. जिगीषा
 - ☒ 2. अपर्ण
 - ☒ 3. अभेद्य
 - ☒ 4. निर्मूल

Q.11 नीचे दी गई लोकोक्ति का उचित अर्थ दिए गए विकल्पों में से चुनिए-
नाचने निकली तो घूँघट क्या

- Ans
- ☒ 1. कोई काम करने में शर्म कैसी
 - ☒ 2. लाज करने का दिखावा
 - ☒ 3. कर भला तो हो भला
 - ☒ 4. घूँघट डालकर नाचने से गिर सकते हैं

Q.12 निम्नलिखित वाक्य के रिक्त स्थान में उचित विशेषण की पूर्ति कीजिए-
'विकास _____ लड़का है।'

- Ans
- ☒ 1. तेरह
 - ☒ 2. सुन्दर
 - ☒ 3. आधा
 - ☒ 4. समीप

Q.13 दिये गये वाक्य का सही क्रम होगा -
'ने साम्यवादी व्यवस्थाओं सामाजिक न्याय की दिशा में कुछ बेहतर परिणाम दिये, पर उनके अपने अंतर्द्वन्द्व थे।'

- Ans
- ☒ 1. व्यवस्थाओं साम्यवादी ने न्याय सामाजिक की दिशा में कुछ बेहतर परिणाम दिये, पर उनके अपने अंतर्द्वन्द्व थे।
 - ☒ 2. दिशा में कुछ बेहतर परिणाम दिये ने साम्यवादी व्यवस्थाओं सामाजिक न्याय की, पर उनके अपने अंतर्द्वन्द्व थे।
 - ☒ 3. व्यवस्थाओं ने साम्यवादी सामाजिक न्याय की दिशा में कुछ बेहतर परिणाम दिये, पर उनके अपने अंतर्द्वन्द्व थे।
 - ☒ 4. साम्यवादी व्यवस्थाओं ने सामाजिक न्याय की दिशा में कुछ बेहतर परिणाम दिये, पर उनके अपने अंतर्द्वन्द्व थे।

Q.14 दिए गये वाक्यांश के लिए निम्नलिखित विकल्पों में से सार्थक शब्द का चयन करें-
नापाक इरादे से की जाने वाली मन्त्रणा

- Ans
- ☒ 1. दुर्भेदा
 - ☒ 2. दुरभिसंधि
 - ☒ 3. दुर्लघ्य
 - ☒ 4. दुर्निवार

Q.15 'चंचल मन वाला' अर्थ के लिए सही लोकोक्ति कौन-सी है?

- Ans
- ☒ 1. गुड खाए गुलगुलों से परहेज
 - ☒ 2. अधजल गगरी छलकत जाए
 - ☒ 3. गोद में बैठकर आँख में उँगली
 - ☒ 4. घड़ी में तोला घड़ी में माशा

Comprehension:

गद्दांश के आधार पर निम्नलिखित प्रश्नों के उत्तर दीजिए-

"शाम को साढ़े चार बजे आभा भोजन लेकर आयी। यही उनका अंतिम भोजन होने वाला था। इस भोजन में बकरी का दूध, उबली हुई कच्ची भाजियाँ, नारंगियाँ, ग्वारपाठे का रस मिला अदरक, नीबू और घी का काढ़ा- ये चीजें थीं। नयी दिल्ली में बिड़ला भवन के पिछवाड़े वाले भाग में जमीन पर बैठे हुए गांधीजी खाते जाते थे और स्वतंत्र भारत की नयी सरकार के उप-प्रधानमंत्री सरदार बल्लभ भाई पटेल से बातें करते जाते थे। सरदार पटेल की पुत्री और उनकी सचिव मणिबहन भी वहाँ मौजूद थीं। बातचीत महत्वपूर्ण थी। पटेल और प्रधानमंत्री नेहरू के बीच मतभेद की अफवाहें थीं। गांधीजी, सरदार पटेल और मणिबहन के पास अकेली बैठी आभा बीच में बोलने में सकुचा रही थी। परन्तु समय पालन के बारे में गांधीजी का आग्रह वह जानती थी। इसलिए उसने आखिर में महात्मा जी कि घड़ी उठा ली और उन्हें दिखाई। गांधीजी बोले -"मुझे अब जाना होगा।" यह कहते हुए वह उठ पास के गुसलखाने में गयी और फिर भवन के बाईं ओर बड़े पार्क में प्रार्थना-स्थल की ओर चल पड़े। महात्मा जी के चचेरे भाई के पोते कनु गाँधी की पत्नी आभा और दूसरे चचेरे भाई की पोती मनु उनके साथ चलीं। उन्होंने इनके कंधे पर अपने बाजुओं को सहारा दिया। वह इन्हें अपने 'टहलने की छड़ियाँ' कहा करते थे। प्रार्थना-स्थल के रास्ते में लाल पत्थर के खम्भों वाली लंबी गैलरी थी। इसमें से होकर प्रतिदिन दो मिनट का रास्ता पार करते समय गांधीजी सुस्ताते और मज़ाक करते थे।"

SubQuestion No : 16

Q.16 दिये गये गद्दांश का उपयुक्त शीर्षक होगा -

- Ans
- ☒ 1. गांधी का अंतिम भोजन
 - ☒ 2. गांधी की अहिंसा
 - ☒ 3. गांधी का गुस्सा
 - ☒ 4. गांधी का असहयोग

Comprehension:

गदाश के आधार पर निम्नलिखित प्रश्नों के उत्तर दीजिए-

"शाम को साढ़े चार बजे आभा भोजन लेकर आयी। यही उनका अंतिम भोजन होने वाला था। इस भोजन में बकरी का दूध, उबली हुई कच्ची भाजियाँ, नारंगियाँ, ग्वारपाटे का रस मिला अदरक, नीबू और घी का काढ़ा- ये चीजें थीं। नयी दिल्ली में बिड़ला भवन के पिछवाड़े वाले भाग में जमीन पर बैठे हुए गांधीजी खाते जाते थे और स्वतंत्र भारत की नयी सरकार के उप-प्रधानमंत्री सरदार बल्लभ भाई पटेल से बातें करते जाते थे। सरदार पटेल की पुत्री और उनकी सचिव मणिबहन भी वहाँ मौजूद थीं। बातचीत महत्वपूर्ण थी। पटेल और प्रधानमंत्री नेहरू के बीच मतभेद की अफवाहें थीं। गांधीजी, सरदार पटेल और मणिबहन के पास अकेली बैठी आभा बीच में बोलने में सकुचा रही थी। परन्तु समय पालन के बारे में गांधीजी का आग्रह वह जानती थी। इसलिए उसने आखिर में महात्मा जी कि घड़ी उठा ली और उन्हें दिखाई। गांधीजी बोले -"मुझे अब जाना होगा।" यह कहते हुए वह उठ पास के गुसलखाने में गये और फिर भवन के बाईं ओर बड़े पार्क में प्रार्थना-स्थल की ओर चल पड़े। महात्मा जी के चचेरे भाई के पोते कनु गाँधी की पत्नी आभा और दूसरे चचेरे भाई की पोती मनु उनके साथ चलीं। उन्होंने इनके कंधे पर अपने बाजुओं को सहारा दिया। वह इन्हें अपने 'टहलने की छड़ियाँ' कहा करते थे। प्रार्थना-स्थल के रास्ते में लाल पत्थर के खम्भों वाली लंबी गैलरी थी। इसमें से होकर प्रतिदिन दो मिनट का रास्ता पार करते समय गांधीजी सुस्ताते और मज़ाक करते थे।"

SubQuestion No : 17

Q.17 स्वतंत्र भारत की नई सरकार के उप-प्रधानमंत्री कौन थे ?

- Ans
- ☒ 1. सरदार बल्लभभाई पटेल
 - ☐ 2. जवाहरलाल नेहरू
 - ☐ 3. कनु गांधी
 - ☐ 4. मणिबहन

Comprehension:

गदाश के आधार पर निम्नलिखित प्रश्नों के उत्तर दीजिए-

"शाम को साढ़े चार बजे आभा भोजन लेकर आयी। यही उनका अंतिम भोजन होने वाला था। इस भोजन में बकरी का दूध, उबली हुई कच्ची भाजियाँ, नारंगियाँ, ग्वारपाटे का रस मिला अदरक, नीबू और घी का काढ़ा- ये चीजें थीं। नयी दिल्ली में बिड़ला भवन के पिछवाड़े वाले भाग में जमीन पर बैठे हुए गांधीजी खाते जाते थे और स्वतंत्र भारत की नयी सरकार के उप-प्रधानमंत्री सरदार बल्लभ भाई पटेल से बातें करते जाते थे। सरदार पटेल की पुत्री और उनकी सचिव मणिबहन भी वहाँ मौजूद थीं। बातचीत महत्वपूर्ण थी। पटेल और प्रधानमंत्री नेहरू के बीच मतभेद की अफवाहें थीं। गांधीजी, सरदार पटेल और मणिबहन के पास अकेली बैठी आभा बीच में बोलने में सकुचा रही थी। परन्तु समय पालन के बारे में गांधीजी का आग्रह वह जानती थी। इसलिए उसने आखिर में महात्मा जी कि घड़ी उठा ली और उन्हें दिखाई। गांधीजी बोले -"मुझे अब जाना होगा।" यह कहते हुए वह उठ पास के गुसलखाने में गये और फिर भवन के बाईं ओर बड़े पार्क में प्रार्थना-स्थल की ओर चल पड़े। महात्मा जी के चचेरे भाई के पोते कनु गाँधी की पत्नी आभा और दूसरे चचेरे भाई की पोती मनु उनके साथ चलीं। उन्होंने इनके कंधे पर अपने बाजुओं को सहारा दिया। वह इन्हें अपने 'टहलने की छड़ियाँ' कहा करते थे। प्रार्थना-स्थल के रास्ते में लाल पत्थर के खम्भों वाली लंबी गैलरी थी। इसमें से होकर प्रतिदिन दो मिनट का रास्ता पार करते समय गांधीजी सुस्ताते और मज़ाक करते थे।"

SubQuestion No : 18

Q.18 गांधीजी किसे अपने 'टहले की छड़ियाँ' कहा करते थे?

- Ans
- ☐ 1. चचेरे भाई को
 - ☐ 2. कनु गांधी को
 - ☐ 3. मणिबहन को
 - ☒ 4. आभा और मनु को

Comprehension:

गदाश के आधार पर निम्नलिखित प्रश्नों के उत्तर दीजिए-

"शाम को साढ़े चार बजे आभा भोजन लेकर आयी। यही उनका अंतिम भोजन होने वाला था। इस भोजन में बकरी का दूध, उबली हुई कच्ची भाजियाँ, नारंगियाँ, ग्वारपाटे का रस मिला अदरक, नीबू और घी का काढ़ा- ये चीजें थीं। नयी दिल्ली में बिड़ला भवन के पिछवाड़े वाले भाग में जमीन पर बैठे हुए गांधीजी खाते जाते थे और स्वतंत्र भारत की नयी सरकार के उप-प्रधानमंत्री सरदार बल्लभ भाई पटेल से बातें करते जाते थे। सरदार पटेल की पुत्री और उनकी सचिव मणिबहन भी वहाँ मौजूद थीं। बातचीत महत्वपूर्ण थी। पटेल और प्रधानमंत्री नेहरू के बीच मतभेद की अफवाहें थीं। गांधीजी, सरदार पटेल और मणिबहन के पास अकेली बैठी आभा बीच में बोलने में सकुचा रही थी। परन्तु समय पालन के बारे में गांधीजी का आग्रह वह जानती थी। इसलिए उसने आखिर में महात्मा जी कि घड़ी उठा ली और उन्हें दिखाई। गांधीजी बोले -"मुझे अब जाना होगा।" यह कहते हुए वह उठ पास के गुसलखाने में गये और फिर भवन के बाईं ओर बड़े पार्क में प्रार्थना-स्थल की ओर चल पड़े। महात्मा जी के चचेरे भाई के पोते कनु गाँधी की पत्नी आभा और दूसरे चचेरे भाई की पोती मनु उनके साथ चलीं। उन्होंने इनके कंधे पर अपने बाजुओं को सहारा दिया। वह इन्हें अपने 'टहलने की छड़ियाँ' कहा करते थे। प्रार्थना-स्थल के रास्ते में लाल पत्थर के खम्भों वाली लंबी गैलरी थी। इसमें से होकर प्रतिदिन दो मिनट का रास्ता पार करते समय गांधीजी सुस्ताते और मज़ाक करते थे।"

SubQuestion No : 19

Q.19 गदाश में प्रयुक्त 'मतभेद' का पर्यायवाची शब्द नहीं होगा -

- Ans
- ☐ 1. असहमति
 - ☐ 2. मतद्वैध
 - ☐ 3. असम्मति
 - ☒ 4. जलन

Comprehension:

गदाश के आधार पर निम्नलिखित प्रश्नों के उत्तर दीजिए-

"शाम को साढ़े चार बजे आभा भोजन लेकर आयी। यही उनका अंतिम भोजन होने वाला था। इस भोजन में बकरी का दूध, उबली हुई कच्ची भाजियाँ, नारंगियाँ, ग्वारपाटे का रस मिला अदरक, नीबू और घी का काढ़ा- ये चीजें थीं। नयी दिल्ली में बिड़ला भवन के पिछवाड़े वाले भाग में जमीन पर बैठे हुए गांधीजी खाते जाते थे और स्वतंत्र भारत की नयी सरकार के उप-प्रधानमंत्री सरदार बल्लभ भाई पटेल से बातें करते जाते थे। सरदार पटेल की पुत्री और उनकी सचिव मणिबहन भी वहाँ मौजूद थीं। बातचीत महत्वपूर्ण थी। पटेल और प्रधानमंत्री नेहरू के बीच मतभेद की अफवाहें थीं। गांधीजी, सरदार पटेल और मणिबहन के पास अकेली बैठी आभा बीच में बोलने में संकुचा रही थी। परन्तु समय पालन के बारे में गांधीजी का आग्रह वह जानती थी। इसलिए उसने आखिर में महात्मा जी कि छड़ी उठा ली और उन्हें दिखाई। गांधीजी बोले -"मुझे अब जाना होगा।" यह कहते हुए वह उठ पास के गुसलखाने में गये और फिर भवन के बाईं ओर बड़े पार्क में प्रार्थना-स्थल की ओर चल पड़े। महात्मा जी के चचेरे भाई के पोते कनु गांधी की पत्नी आभा और दूसरे चचेरे भाई की पोती मनु उनके साथ चलीं। उन्होंने इनके कंधे पर अपने बाजुओं को सहारा दिया। वह इन्हें अपने 'टहलने की छड़ियाँ' कहा करते थे। प्रार्थना-स्थल के रास्ते में लाल पत्थर के खम्भों वाली लंबी गैलरी थी। इसमें से होकर प्रतिदिन दो मिनट का रास्ता पार करते समय गांधीजी सुस्ताते और मज़ाक करते थे।"

SubQuestion No : 20

Q.20 गदाश में प्रयुक्त 'मौजूद' शब्द का अर्थ नहीं है -

- Ans
- ☒ 1. प्रस्तुत
 - ☒ 2. विद्यमान
 - ☒ 3. यथावसर
 - ☒ 4. हाज़िर

Section : Discipline1

Q.1 Which of the following best explains why von Thunen's model assumes a uniform plain in its theoretical formulation?

- Ans
- ☒ 1. To simulate the role of labor intensity in diverse elevation zones
 - ☒ 2. To account for the distribution of specialized labor in mountainous terrains
 - ☒ 3. To isolate economic factors like transport cost and land rent from topographical interference
 - ☒ 4. To accurately reflect the natural variation of physical geography in central Europe

Q.2 Which countries developed the high-yielding varieties (HYVs) introduced in India?

- Ans
- ☒ 1. USA and Canada
 - ☒ 2. Mexico and the Philippines
 - ☒ 3. China and Japan
 - ☒ 4. Australia and New Zealand

Q.3 What is the amount of actual evaporation at 30° N latitude?

- Ans
- ☒ 1. 1200 mm
 - ☒ 2. 1000 mm
 - ☒ 3. 800 mm
 - ☒ 4. 600 mm

Q.4 Which of the following is not a focus of phytogeography?

- Ans
- ☒ 1. Ecological changes through time
 - ☒ 2. Migration patterns of animals
 - ☒ 3. Interaction of plants with environment
 - ☒ 4. Dispersal and distribution of plants

Q.5 The adoption of genetically modified (GM) seeds and precision agriculture primarily influences agricultural patterns by:

- Ans
- ☒ 1. Decreasing the need for soil nutrients
 - ☒ 2. Enhancing crop yield and reducing pest damage
 - ☒ 3. Promoting traditional farming practices
 - ☒ 4. Increasing dependence on monsoon rains

Q.6 In which of the following zones did the cloud instability theory fail to explain about mechanism of rainfall?

- Ans
- ☒ 1. The Equatorial Zone
 - ☒ 2. The Tropical Zone
 - ☒ 3. The Subtropical Zone
 - ☒ 4. The Polar Zone

Q.7 In which zone of von Thunen's model of agricultural land use do farmers use a seven-year crop rotation?

- Ans**
- ☒ 1. Zone IV
 - ☐ 2. Zone I
 - ☐ 3. Zone III
 - ☐ 4. Zone II

Q.8 Which of the following places has very low actual evaporation?

- Ans**
- ☐ 1. Central Africa
 - ☐ 2. Central Asia
 - ☐ 3. Amazon Forest
 - ☒ 4. Sahara Desert

Q.9 Which of the following is Not true about Tropical rainforests?

- Ans**
- ☐ 1. Winter is absent
 - ☐ 2. Receives a high average annual rainfall
 - ☐ 3. Has very hot temperatures
 - ☒ 4. Soil is non-acidic

Q.10 Actual evaporation from a land surface is primarily controlled by:

- Ans**
- ☐ 1. The temperature of the upper atmosphere
 - ☒ 2. The availability of water and energy
 - ☐ 3. The amount of moisture already present in the air
 - ☐ 4. The longitude of the location

Q.11 A major criticism of the Green Revolution in India was that it led to:

- Ans**
- ☐ 1. A decrease in the use of chemical fertilizers
 - ☒ 2. Regional imbalances, benefiting states like Punjab and Haryana
 - ☐ 3. The promotion of exclusively organic farming
 - ☐ 4. Uniform development across all states

Q.12 What is the local name for shifting cultivation practiced in North-East India?

- Ans**
- ☐ 1. Taungya
 - ☐ 2. Milpa
 - ☐ 3. Ladang
 - ☒ 4. Jhum

Q.13 In which year did India join the 'Convention on Biological Diversity (CBD)'?

- Ans**
- ☐ 1. 1991
 - ☒ 2. 1994
 - ☐ 3. 2003
 - ☐ 4. 2016

Q.14 In which area does more than two-thirds of the actual evaporation occur?

- Ans**
- ☒ 1. 30° N 30° S
 - ☐ 2. 20° N 10° S
 - ☐ 3. 50° N 60° N
 - ☐ 4. 30° S 40° S

Q.15 Tropical cyclones in the Bay of Bengal most frequently originate:

- Ans**
- ☒ 1. As disturbances in the intertropical convergence zone (ITCZ)
 - ☐ 2. Over the cold waters of the South Indian Ocean
 - ☐ 3. Due to intense heating of the Tibetan Plateau
 - ☐ 4. From the merging of polar and tropical fronts

Q.16 Von Thunen's agricultural location was first proposed in-

- Ans**
-  1. 1829
 -  2. 1826
 -  3. 1837
 -  4. 1857

Q.17 What is the direction of circulation of jet streams?

- Ans**
-  1. North to South
 -  2. West to East
 -  3. East to West
 -  4. South to North

Q.18 Tropical easterly jet streams develop due to:

- Ans**
-  1. Cooling of polar areas
 -  2. Westerly wind bursts
 -  3. Intense heating of the Tibetan Plateau
 -  4. Shifting of NITC

Q.19 'Shifting Cultivation' in Brazil is locally known as:

- Ans**
-  1. Roca
 -  2. Deppa
 -  3. Masole
 -  4. Watra

Q.20 Project Tiger was launched in India in which year?

- Ans**
-  1. 1973
 -  2. 1952
 -  3. 1980
 -  4. 1992

Section : **Discipline2**

Q.1 How many elephant corridors have been identified in India?

- Ans**
-  1. 100
 -  2. 120
 -  3. 88
 -  4. 150

Q.2 Which of the following pair is not correct about the regional forest research institutes?

- Ans**
-  1. Centre for Forest Productivity - Allahabad
 -  2. Institute of Forest Genetics and Tree Breeding - Coimbatore
 -  3. Institute of Arid Zone Forestry Research - Jodhpur
 -  4. Forest Research Institute - Dehra Dun

Q.3 Which of the following is NOT a salient feature of behavioural geography?

- Ans**
-  1. It is an inductive approach
 -  2. It is a process-oriented approach
 -  3. The focus of the study is the individual
 -  4. No mutually interacting relationship between man and his environment

Q.4 Front is formed when:

- Ans**
-  1. Moisture condenses
 -  2. Air mass rises
 -  3. Wind speed changes
 -  4. Two air masses converge

Q.5	The layer of the atmosphere that absorbs most of the Sun's harmful UV energy is the:
Ans	 1. Stratosphere  2. Troposphere  3. Thermosphere  4. Mesosphere
Q.6	'Building block of life' is associated with which of the following cycles?
Ans	 1. Water Cycle  2. Nitrogen Cycle  3. Carbon Cycle  4. Sulphur Cycle
Q.7	What is the combined share of nitrogen and oxygen in the atmosphere?
Ans	 1. 69 %  2. 89 %  3. 99 %  4. 79 %
Q.8	Which is the largest tiger reserve in India?
Ans	 1. Periyar Tiger Reserve  2. Gir Tiger Reserve  3. Nagarjuna Sagar-Srisaillam Tiger Reserve  4. Kanha Tiger Reserve
Q.9	In which year did C. W. Thornthwaite present his full climatic classification scheme?
Ans	 1. 1938  2. 1931  3. 1948  4. 1933
Q.10	Cybernetics is closely associated with:
Ans	 1. Heartland Theory  2. General Systems Theory  3. Neo Determinism  4. Areal Differentiation
Q.11	In Kopeppen's climatic classification, BWk stands for-
Ans	 1. Middle latitude cold steppe climate  2. Tropical steppe climate  3. Tropical desert climate  4. Middle latitude cold desert climate
Q.12	The term 'quantitative revolution' was coined by-
Ans	 1. Richard Chorley  2. Thomas S. Kuhn  3. Ian Burton  4. Fred K. Schaefer
Q.13	The utilization of General System Theory in geography mostly aids in:
Ans	 1. Understanding the complex interactions between human and physical components  2. Memorizing capital cities  3. Drawing precise map projections  4. Calculating demographic rates

Q.14 The leeward slope is associated with which type of precipitation?

- Ans**
- ☐ 1. Cyclonic Rainfall
 - ☐ 2. Convectional Rainfall
 - ☐ 3. Snowfall
 - ☒ 4. Orographic Rainfall

Q.15 Which of the following is NOT a basic of General Systems Theory?

- Ans**
- ☐ 1. System needs to be viewed as a whole
 - ☐ 2. Systems have inputs and outputs
 - ☐ 3. Systems are goal-seeking in some way
 - ☒ 4. Systems did not exhibit entropy

Q.16 Behavioural geography emerged primarily as a response to dissatisfaction with which approach in geography?

- Ans**
- ☐ 1. Marxist geography
 - ☒ 2. Positivist, quantitative–model based approaches
 - ☐ 3. Humanistic phenomenology
 - ☐ 4. Regional descriptive tradition

Q.17 The "CITES" (Convention on International Trade in Endangered Species) is an international agreement that aims to:

- Ans**
- ☐ 1. Regulating greenhouse gas emissions
 - ☐ 2. Defining national boundaries in disputed territories
 - ☐ 3. Promoting sustainable agricultural practices
 - ☒ 4. International trading in wild animals and plants must not harm their survival

Q.18 Which of the following best explains the temperature increase in the stratosphere, despite increasing altitude?

- Ans**
- ☐ 1. Reflection of terrestrial radiation by carbon dioxide
 - ☐ 2. Direct heating from the Earth's surface
 - ☒ 3. Absorption of ultraviolet radiation by ozone
 - ☐ 4. Compression of air molecules with altitude

Q.19 When two contrasting air masses are parallel to each other and there is no ascent of air, _____ is formed.

- Ans**
- ☐ 1. Cold Front
 - ☐ 2. Warm Front
 - ☐ 3. Occluded Front
 - ☒ 4. Stationary Front

Q.20 A broad transition between two different ecosystems of mainly plant communities is called?

- Ans**
- ☐ 1. Gradient analysis
 - ☐ 2. Sere
 - ☒ 3. Ecolines
 - ☐ 4. Climax

Section : **Discipline3**

Q.1 The Nature of Geography, published in 1939, was written by:

- Ans**
- ☐ 1. Carl O Sauer
 - ☐ 2. Haggett
 - ☒ 3. Richard Hartshorne
 - ☐ 4. Schaefer

Q.2 The Crude Death Rate (CDR) of a population is determined as:

- Ans**
-  1. (Number of deaths in a specific age group / Total population in that age group) * 1000
 -  2. (Number of infant deaths / Number of live births) * 1000
 -  3. (Number of deaths / Total population) * 1000
 -  4. (Number of births / Total population) * 1000

Q.3 Who was regarded as the Father of Humanistic Geography?

- Ans**
-  1. Kirk
 -  2. Vidal de la Blache
 -  3. Guelke
 -  4. Yi-Fu Tuan

Q.4 Who treated humanistic geography as simple, personal understanding?

- Ans**
-  1. R. J. Johnston 1983
 -  2. Wolpert 1964
 -  3. Golledge 1969
 -  4. Gould 1963

Q.5 Who advocates the concept of genre de vie?

- Ans**
-  1. Friedrich Ratzel
 -  2. Carl O Sauer
 -  3. Paul Vidal de la Blache
 -  4. Lucien Febvre

Q.6 Who coined the term 'areal differentiation'?

- Ans**
-  1. Richard Hartshorne
 -  2. Immanuel Kant
 -  3. Hecataeus of Miletus
 -  4. Vladimir Köppen

Q.7 According to the Economic Survey 2023-24, what is the overall death rate for India for 2020?

- Ans**
-  1. 7
 -  2. 8.6
 -  3. 6
 -  4. 5.8

Q.8 India signed the Convention on Biological Diversity (CBD) in which year?

- Ans**
-  1. 1987
 -  2. 1992
 -  3. 2002
 -  4. 1990

Q.9 How did C.K. Wentworth calculate the average slope of a land surface in 1922?

- Ans**
-  1. Spot Heights
 -  2. Clinometer
 -  3. Bench Marks
 -  4. Contour Map

Q.10 Which method of slope analysis classifies slopes by their shape and angle?

- Ans**
-  1. Henry's method
 -  2. Wentworth's method
 -  3. Raisz and Robinson's method
 -  4. Smith's method

Q.11 The absorption of UV light in the stratosphere creates a distinct temperature profile that can be best summarized as:

- Ans**
- ☒ 1. Extremely high and variable temperatures
 - ☒ 2. An isothermal layer
 - ☒ 3. An increase in temperature with altitude (inversion)
 - ☒ 4. A decrease in temperature with altitude (lapse rate)

Q.12 According to Koppen's classification of Indian climate, the climate in which the average temperature of the warmest month lies between 0° and 10°C is denoted by?

- Ans**
- ☒ 1. ET
 - ☒ 2. E
 - ☒ 3. Aw
 - ☒ 4. BShw

Q.13 Roger Tomlinson created the Canada Geographic Information System in 1963, but it did not have access to which of the following?

- Ans**
- ☒ 1. Computer with Cadastral Map
 - ☒ 2. Computer with Keyboard
 - ☒ 3. Computer with Printer
 - ☒ 4. Computer with Hyperspectral Image Processing technique

Q.14 Which of the following Indian States/UT has recorded the highest death rate in 2021?

- Ans**
- ☒ 1. Chhattisgarh
 - ☒ 2. Bihar
 - ☒ 3. Rajasthan
 - ☒ 4. Puducherry

Q.15 Which of the following formulas depicted the General fertility rate?

- Ans**
- ☒ 1. Births in year (x 1000)/Population at mid-year
 - ☒ 2. Births in year (x 1000)/Women 15-44/49 at mid-year
 - ☒ 3. Sum Age Specific Fertility Rate x5/1000
 - ☒ 4. Children 0-4/Women 15-44 in the population

Q.16 The Idiographic approach in geography emphasizes which of the following ideas?

- Ans**
- ☒ 1. Generalization theory
 - ☒ 2. Refers to opposite of areal differentiation
 - ☒ 3. Refers to unique aspects of individual areas
 - ☒ 4. Chorological study

Q.17 In order to critique the positivists, who wrote "CONTEMPORARY HUMANISM IN GEOGRAPHY" ?

- Ans**
- ☒ 1. Entrikin 1976
 - ☒ 2. Yi-Fu Tuan 1971
 - ☒ 3. Relph 1970
 - ☒ 4. Guelke, 1974

Q.18 The number of live births per 1000 women of reproductive age in a calendar year is called _____.

- Ans**
- ☒ 1. Total Fertility Rate
 - ☒ 2. General Fertility Rate
 - ☒ 3. Gross Reproduction Rate
 - ☒ 4. Age-Specific FertilityRate

Q.19 For which of the following, areal differentiation along with chorology, became the conceptual and theoretical background?

- Ans**
-  1. Systematic Geography
 -  2. Environmental Geography
 -  3. Regional Geography
 -  4. Biogeography

Q.20 When is International Snow Leopard Day observed each year?

- Ans**
-  1. June 3
 -  2. December 5
 -  3. November 21
 -  4. October 23

Section : **Discipline4**

Q.1 According to the Heartland theory, which of the following geostrategic areas is NOT a part of the Midland Basin?

- Ans**
-  1. The Eastern United States
 -  2. Western Europe
 -  3. Part of the Soviet Union east of the Yenisei River
 -  4. The North Atlantic Ocean

Q.2 The 'Flora Fribergensis' was written by whom?

- Ans**
-  1. N. M. Fennemen
 -  2. Humboldt
 -  3. Hartshorne
 -  4. Oscar Peschel

Q.3 Which of the following is a limitation of raster data?

- Ans**
-  1. High storage requirements for high-resolution data
 -  2. Only store color information
 -  3. Cannot be visualized
 -  4. Cannot represent continuous phenomena

Q.4 Which of the following areas is NOT a part of the 'Midland Basin' of Heartland theory?

- Ans**
-  1. North Atlantic Ocean
 -  2. Central Europe
 -  3. Western Europe
 -  4. Eastern United States

Q.5 Which of the following works was authored by Halford Mackinder and published in 1902?

- Ans**
-  1. The Geography of Europe
 -  2. Democratic Ideals and Reality
 -  3. Realm of Nature
 -  4. Britain and the British Seas

Q.6 What would be the local time of Mirzapur (82°30'E) when the time at Greenwich is 12.00 noon?

- Ans**
-  1. 6.30 pm
 -  2. 6.30 am
 -  3. 5.30 pm
 -  4. 5.30 am

Q.7 The phenomenon of 'Global Warming' is primarily attributed to the increased atmospheric concentration of:

- Ans**
- ☐ 1. Oxygen
 - ☐ 2. Inert gases like argon
 - ☐ 3. Chlorofluorocarbons (CFCs) only
 - ☒ 4. Greenhouse gases like CO2 and methane

Q.8 According to the 2025 Human Development Report, which of the following countries has the lowest rank?

- Ans**
- ☐ 1. India
 - ☒ 2. Afghanistan
 - ☐ 3. Nepal
 - ☐ 4. Iran

Q.9 Which of the following is a consequence of sea water contamination by oil slicks?

- Ans**
- ☒ 1. Deaths of marine organisms
 - ☐ 2. Increased rate of photosynthesis in phytoplankton
 - ☐ 3. Decrease in salinity
 - ☐ 4. Enhancement of coral reef growth

Q.10 The Arab geographer Al-Mas'udi is often celebrated for:

- Ans**
- ☐ 1. Providing the first written description of the monsoon winds for trade
 - ☒ 2. His encyclopedic work "Meadows of Gold"
 - ☐ 3. Developing the first mathematically based projection of the globe
 - ☐ 4. Calculating the axial tilt of the Earth with remarkable precision

Q.11 Alexander von Humboldt and Carl Ritter are jointly credited with:

- Ans**
- ☒ 1. Founding modern geography as a systematic and scientific discipline
 - ☐ 2. Proposing the theory of continental drift
 - ☐ 3. Developing the first accurate world map
 - ☐ 4. Inventing the Mercator projection

Q.12 According to Koeppen's classification, the climate type 'Aw' refers to:

- Ans**
- ☐ 1. Hot Desert
 - ☒ 2. Tropical Savanna, with a dry winter season
 - ☐ 3. Tropical Monsoon
 - ☐ 4. Humid Subtropical

Q.13 In Raster data structure, which one of the following is true?

- Ans**
- ☐ 1. Information is stored in point cells
 - ☐ 2. Information is stored in pyramids
 - ☐ 3. Information is stored in polygons
 - ☒ 4. Information is stored in rectangular cells

Q.14 Satinwood is an example of:

- Ans**
- ☐ 1. Littoral forest
 - ☒ 2. Deciduous forest
 - ☐ 3. Evergreen forest
 - ☐ 4. Alpine forest

Q.15 The United Nations' Sustainable Development Goal (SDG) 2 aims to:

- Ans**
- ☒ 1. End hunger, food security, better nutrition, sustainable farming
 - ☐ 2. Promote sustained, inclusive economic growth
 - ☐ 3. Build resilient infrastructure
 - ☐ 4. Ensure access to affordable, reliable, sustainable energy for all

Q.16 Which type of data is most suitable for representation using a histogram?

- Ans**
- ☐ 1. Qualitative data
 - ☐ 2. Nominal data
 - ☒ 3. Continuous data
 - ☐ 4. Ordinal data

Q.17 Identify the correct pair from the following options.

- Ans**
- ☒ 1. Pantagraph - Reduction and enlargement of maps
 - ☐ 2. Sling Psychrometer - Measure area on a map
 - ☐ 3. Planimeter - Measure distance between points on a map
 - ☐ 4. Opisometer - Relative humidity

Q.18 Which of the following statistical measures is used in the rainfall dispersion diagram?

- Ans**
- ☒ 1. Quartile
 - ☐ 2. Mode
 - ☐ 3. Decile
 - ☐ 4. Percentile

Q.19 In the context of Spatial Information Technology, GIS software is primarily designed for:

- Ans**
- ☐ 1. Sending and receiving emails with geographic attachments
 - ☐ 2. Word processing and creating text documents
 - ☐ 3. Only for browsing satellite imagery
 - ☒ 4. Creating and managing spatial data, performing spatial analysis, and producing maps

Q.20 How does increased cloud cover affect global warming?

- Ans**
- ☐ 1. It reduces greenhouse gas emissions by condensing carbon dioxide into water vapor
 - ☒ 2. It simultaneously contributes to cooling via albedo and warming via greenhouse effect
 - ☐ 3. It blocks both incoming UV and outgoing infrared radiation, canceling out any effect
 - ☐ 4. It uniformly cools the planet by increasing Earth's reflectivity

Section : **Discipline5**

Q.1 MONEX- An international Monsoon experiment initiative was launched in _____.

- Ans**
- ☒ 1. 1979
 - ☐ 2. 1969
 - ☐ 3. 1975
 - ☐ 4. 1963

Q.2 An upstanding fault block bounded by two normal faults is regarded as what?

- Ans**
- ☐ 1. Normal Fault
 - ☒ 2. Horst
 - ☐ 3. Graben
 - ☐ 4. Step Fault

Q.3 Kalbaishakhi thunderstorm is witnessed in which Indian State?

- Ans**
- ☒ 1. West Bengal
 - ☐ 2. Punjab
 - ☐ 3. Haryana
 - ☐ 4. Maharashtra

Q.4 The process of 'Laterization', which leads to the formation of Laterite soils, is most prominent in:

- Ans**
- ☒ 1. Arid and semi-arid regions
 - ☒ 2. Hot and humid tropical regions with high rainfall
 - ☒ 3. Cold and dry polar regions
 - ☒ 4. Temperate grassland regions

Q.5 According to the Koeppen Climatic Classification, which of the following states does not experience the BShw type of climate?

- Ans**
- ☒ 1. Rajasthan
 - ☒ 2. Karnataka
 - ☒ 3. Chhattisgarh
 - ☒ 4. Gujarat

Q.6 The primary mechanism driving the South-West Summer Monsoon in India is the:

- Ans**
- ☒ 1. Cooling of the Tibetan Plateau
 - ☒ 2. Rotation of the Earth (Coriolis force)
 - ☒ 3. Differential land-sea heating
 - ☒ 4. Movement of the Westerly Jet Stream

Q.7 Which of the following statements is not a part of Milankovitch's climate change theory?

- Ans**
- ☒ 1. Presence of solid particles in the atmosphere.
 - ☒ 2. Precession of the equinoxes.
 - ☒ 3. Changes in the eccentricity of the earth's orbit-period.
 - ☒ 4. Changes in the angle which the earth makes with the plane of the ecliptic.

Q.8 Which group does the Hindi language belong to?

- Ans**
- ☒ 1. Dravidian
 - ☒ 2. Indo-Aryan
 - ☒ 3. Sino-Tibetan
 - ☒ 4. Austric

Q.9 Which of the following international organisations is promoting a campaign known as GOBI (Growth monitoring, Oral rehydration therapy, Breastfeeding, and Immunization) to encourage child health revolution?

- Ans**
- ☒ 1. FAO
 - ☒ 2. UNICEF
 - ☒ 3. Red Cross
 - ☒ 4. WHO

Q.10 The average annual growth rate of the population between 1911 and 1921 for India was:

- Ans**
- ☒ 1. 2.2%
 - ☒ 2. 0.56
 - ☒ 3. 1.33%
 - ☒ 4. - 0.03%

Q.11 The following question consists of two statements – Assertion (A) and Reason (R). Choose the correct option:Assertion (A): Socially disadvantaged groups are more affected by environmental risks than wealthier populations.Reason (R): Poorer people are more likely to live in degraded environments and may have pre-existing health conditions, making them more vulnerable.

- Ans**
- ☒ 1. A is false, but R is true
 - ☒ 2. Both A and R are true, but R is not the correct explanation of A
 - ☒ 3. Both A and R are true, and R is the correct explanation of A
 - ☒ 4. A is true, but R is false

Q.12 Which of the following statements about El Nino and Indian monsoon is correct?

- Ans**
- ☐ 1. When the surface temperature goes up in the southern Pacific Ocean, India receives surplus monsoon rainfall.
 - ☐ 2. When the surface temperature goes down in the southern Pacific Ocean, India receives deficient monsoon rainfall.
 - ☒ 3. When the surface temperature goes up in the southern Pacific Ocean, India receives deficient monsoon rainfall.
 - ☐ 4. When the surface temperature goes up in the southern Pacific Ocean, India receives normal monsoon rainfall.

Q.13 In which regions are Tropical Thorn Forests predominantly found?

- Ans**
- ☐ 1. Eastern Himalayas
 - ☐ 2. Western Ghats
 - ☒ 3. Thar Desert
 - ☐ 4. Nicobar Islands

Q.14 Which among the following is not an indicator of the Human Development Index (HDI)?

- Ans**
- ☒ 1. Infrastructure
 - ☐ 2. Purchasing power
 - ☐ 3. Life Expectancy
 - ☐ 4. Education

Q.15 In the Demographic Transition Model, which stage is characterized by both low birth rates and low death rates?

- Ans**
- ☒ 1. Stage 4
 - ☐ 2. Stage 1
 - ☐ 3. Stage 3
 - ☐ 4. Stage 2

Q.16 The inclination of rock beds with respect to horizontal plane is termed as _____.

- Ans**
- ☐ 1. Anticlines
 - ☐ 2. Strike
 - ☒ 3. Dip
 - ☐ 4. Synclines

Q.17 Which model of isostasy accounts for lateral variations in crustal density and thickness to explain topographic differences?

- Ans**
- ☐ 1. Airy's model, assuming uniform density but varying thickness of crust
 - ☐ 2. Isodynamic equilibrium model of elastic crustal rebound
 - ☒ 3. Pratt's model, assuming uniform thickness but varying density
 - ☐ 4. Plate tectonics theory explaining mountain root compensation

Q.18 The National Monuments Authority (NMA) was established in accordance with:

- Ans**
- ☐ 1. UNESCO Guidelines
 - ☒ 2. The Ancient Monuments and Archaeological Sites and Remains AMASR (Amendment and Validation) Act
 - ☐ 3. The National Heritage Preservation Act
 - ☐ 4. Antiquities and Art Treasures Act

Q.19 What type of disease is commonly caused by the formation of smog from sulphur dioxide in urban and industrial areas?

- Ans**
- ☐ 1. Neurological disorders
 - ☒ 2. Respiratory diseases
 - ☐ 3. Skin diseases
 - ☐ 4. Cardiovascular diseases

Q.20 The process of cloud formation begins when water vapour condenses around:

- Ans**
- ☐ 1. Nitrogen molecules
 - ☒ 2. Dust particles
 - ☐ 3. Oxygen molecules
 - ☐ 4. Carbon dioxide

Section : **Discipline6**

Q.1 The core-mantle boundary is determined by:

- Ans**
- ☒ 1. Lehmann Discontinuity
 - ☒ 2. Weichert-Gutenberg Discontinuity
 - ☒ 3. Moho Discontinuity
 - ☒ 4. Anderson Discontinuity

Q.2 Which of these anthropogenic activities can lead to drought?

- Ans**
- ☒ 1. Flooding
 - ☒ 2. Deforestation
 - ☒ 3. Rain failure
 - ☒ 4. Rise in sea level

Q.3 Who first used the term 'plate' in plate tectonics theory?

- Ans**
- ☒ 1. Tuzo Wilson
 - ☒ 2. Euler
 - ☒ 3. Mackenzie
 - ☒ 4. Parker

Q.4 The 'paving stone hypothesis' was postulated by _____.

- Ans**
- ☒ 1. Isacks and Sykes
 - ☒ 2. Mckenzie and Parker
 - ☒ 3. Hary Hess
 - ☒ 4. Morgan and Pichon

Q.5 Which of the following is not true about Peninsular Drainage?

- Ans**
- ☒ 1. These have low carrying capacity
 - ☒ 2. They are mostly rejuvenated rivers
 - ☒ 3. These are perennial rivers
 - ☒ 4. They are slow-moving

Q.6 Which of the following is an example of a cumulative atmospheric disaster?

- Ans**
- ☒ 1. Tornado
 - ☒ 2. Flood
 - ☒ 3. Earthquake
 - ☒ 4. Hailstorm

Q.7 Benioff Zone is associated with which of the following?

- Ans**
- ☒ 1. Transform fault margin
 - ☒ 2. Destructive plate margin
 - ☒ 3. Accreting plate margin
 - ☒ 4. Conservative fault margin

Q.8 In the comprehensive disaster management cycle, which phase focuses on post disaster for disaster risk resilience?

- Ans**
- ☒ 1. Response
 - ☒ 2. Preparedness
 - ☒ 3. Mitigation
 - ☒ 4. Recovery

Q.9 Which of the following is a tributary of Godavari river?

- Ans**
- ☒ 1. Manjira/Manjara
 - ☒ 2. Hemavati
 - ☒ 3. Hasdo
 - ☒ 4. Bhima

Q.10 Severity of drought is measured by:

- Ans**
-  1. Seismograph
 -  2. Fathometer
 -  3. Fujita scale
 -  4. Palmer index

Q.11 What does Projected Profile depict?

- Ans**
-  1. Depicts series of parallel profile at regular intervals
 -  2. Depicts visible profile of successive peaks
 -  3. Connects highest point of parallel profiles
 -  4. Plots multiple serial profile

Q.12 In which type of agriculture is the farming of citrus fruit very important?

- Ans**
-  1. Mediterranean agriculture
 -  2. Co-operative farming
 -  3. Market gardening
 -  4. Plantation agriculture

Q.13 The rigid lithospheric slabs or rigid and solid crustal layers are commonly known as _____.

- Ans**
-  1. Lithosphere
 -  2. Asthenosphere
 -  3. Plates
 -  4. Cryosphere

Q.14 The line connecting the areas of equal transportation cost for a given product is called _____.

- Ans**
-  1. Isophene
 -  2. Isotim
 -  3. Isochrone
 -  4. Isodapane

Q.15 The 'Ring of Fire' around the Pacific Ocean is characterized by frequent:

- Ans**
-  1. Sandstorms and droughts
 -  2. Floods and landslides
 -  3. Hurricanes and typhoons
 -  4. Earthquakes and volcanic eruptions

Q.16 Which of the following export Processing Zones was converted into a Special Economic Zone?

- Ans**
-  1. Kanpur-Lucknow
 -  2. Indore-Ujjain
 -  3. Cochin(Kerala)
 -  4. Amritsar(Punjab)

Q.17 The 'Moho' or Mohorovicic discontinuity is the boundary between the:

- Ans**
-  1. Crust and the Mantle
 -  2. Outer Core and the Inner Core
 -  3. Lithosphere and the Asthenosphere
 -  4. Mantle and the Outer Core

Q.18 What does the term 'Pedogenesis' refer to?

- Ans**
-  1. Classification of soil types
 -  2. Study of soil composition
 -  3. Erosion of soil by water
 -  4. Process of soil formation

Q.19 Who among the following classified the Earth's interior into layers based on density?

- Ans**
- ☐ 1. B. Gutenberg and A. Mohorovicic
 - ☐ 2. Arthur Homes
 - ☐ 3. H. Jeffreys
 - ☒ 4. R. A. Daly

Q.20 Footloose industries are best defined as:

- Ans**
- ☐ 1. Heavy industries with pollution
 - ☐ 2. Industries dependent on energy sources
 - ☐ 3. Industries tied to mineral sources
 - ☒ 4. Industries that can be located anywhere

Section : **Discipline7**

Q.1 The Main Central Thrust demarcates the boundary between?

- Ans**
- ☐ 1. The Outer Himalaya and Indo-Gangetic plains
 - ☒ 2. The Greater and Lesser Himalaya
 - ☐ 3. The Lesser and Outer Himalaya
 - ☐ 4. The Trans Himalaya and Greater Himalaya

Q.2 The main objective of the Integrated Rural Development Programme (IRDP) was to:

- Ans**
- ☒ 1. Provide employment opportunities to the rural poor
 - ☐ 2. Promote industrialisation
 - ☐ 3. Increase urban employment
 - ☐ 4. Expand exports

Q.3 Which of the following States/Union Territories recorded the highest population growth rate during 2001–2011?

- Ans**
- ☐ 1. Nagaland
 - ☐ 2. Kerala
 - ☒ 3. Daman & Diu
 - ☐ 4. Maharashtra

Q.4 The book that contains the statement 'Man is the product of the earth's surface' by E.C. Sample was written in the year?

- Ans**
- ☐ 1. 1903
 - ☐ 2. 1913
 - ☒ 3. 1911
 - ☐ 4. 1931

Q.5 Which of the following is correct about the descending order of salts content in ocean water?

- Ans**
- ☐ 1. Calcium Sulphate, Magnesium Chloride, Magnesium Sulphate, Sodium Chloride
 - ☐ 2. Magnesium Chloride, Sodium Chloride, Calcium Sulphate, Magnesium Sulphate
 - ☒ 3. Sodium Chloride, Magnesium Chloride, Magnesium Sulphate, Calcium Sulphate
 - ☐ 4. Calcium Sulphate, Sodium Chloride, Magnesium Chloride, Magnesium Sulphate

Q.6 From which of the following original igneous rocks does the 'Serpentine' rock form?

- Ans**
- ☒ 1. Gabbro
 - ☐ 2. Sandstone
 - ☐ 3. Granite
 - ☐ 4. Mica

Q.7 The relationship between seawater temperature and density is generally:

- Ans**
- ☐ 1. Directly proportional
 - ☐ 2. Proportional only in polar regions
 - ☐ 3. No relation
 - ☒ 4. Inversely proportional

Q.8 The steep wall-like slope caused by faulting of the crustal rocks is known as?

- Ans**
- ☒ 1. Fault scarp
 - ☐ 2. Hanging wall
 - ☐ 3. Fault dip
 - ☐ 4. Foot wall

Q.9 The Aravalli mountain chain acts as a water divide between which two river systems?

- Ans**
- ☐ 1. Ganga and Brahmaputra
 - ☐ 2. Ganga and Yamuna
 - ☒ 3. Indus and Ganga
 - ☐ 4. Ganga and Narmada

Q.10 What is the ideology of neo-determinism called?

- Ans**
- ☒ 1. Stop and go determinism
 - ☐ 2. Social darwinism
 - ☐ 3. Possibilism
 - ☐ 4. Probabilism

Q.11 Which among the following takes into consideration the complete enumeration of population at a specific time?

- Ans**
- ☐ 1. National Family Health Survey
 - ☐ 2. National Sample Survey Organization
 - ☐ 3. Vital Registration System
 - ☒ 4. Census Data

Q.12 "Declaration on Principles for Relations and Comprehensive Cooperation" was signed between_____

- Ans**
- ☐ 1. India - US
 - ☐ 2. India - Russia
 - ☒ 3. India - China
 - ☐ 4. India - Israel

Q.13 Which of the following is a siliceous rock?

- Ans**
- ☐ 1. Lime stone
 - ☒ 2. Geyserite
 - ☐ 3. Lignite
 - ☐ 4. Dolomite

Q.14 A "superimposed boundary," such as the colonial borders in Africa or the Durand Line, is best defined as a boundary:

- Ans**
- ☐ 1. That has ceased to function but whose imprint is still visible in the landscape
 - ☐ 2. Established after an area has been settled and based on existing cultural patterns
 - ☒ 3. Forced upon by an external power, ignoring social and ethnic realities
 - ☐ 4. Drawn before the development of the cultural landscape

Q.15 Baby Boom refers to which of the following condition?

- Ans**
- ☒ 1. Increase in birth rate after World War 2
 - ☐ 2. Increase in birth rate after World War 1
 - ☐ 3. Decline in mortality after the Great Depression
 - ☐ 4. Increase in birth rate after the year 2000

Q.16 Density of Sea Water depends on:

- Ans**
- ☐ 1. Salinity only
 - ☐ 2. Longitude only
 - ☒ 3. Temperature and Salinity both
 - ☐ 4. Temperature only

Q.17 In which fold are the limbs essentially parallel to each other?

- Ans**
- ☐ 1. Asymmetrical fold
 - ☒ 2. Isoclinal fold
 - ☐ 3. Symmetrical fold
 - ☐ 4. Overturned fold

Q.18 Which factor primarily regulates the surface temperature of oceans globally?

- Ans**
- ☐ 1. Offshore winds
 - ☐ 2. Air pressure
 - ☐ 3. Seafloor topography
 - ☒ 4. Ocean currents

Q.19 Which of the following countries has the highest population density in the World (2025)?

- Ans**
- ☐ 1. Manaco
 - ☐ 2. Hong Kong
 - ☒ 3. Macau
 - ☐ 4. Singapore

Q.20 Which of the following is an important component of population change?

- Ans**
- ☐ 1. Sex Ratio
 - ☐ 2. Population Growth
 - ☒ 3. Migration
 - ☐ 4. Population Density

Section : **Discipline8**

Q.1 In the de jure method of census, how are the temporary residents enumerated?

- Ans**
- ☒ 1. The temporary residents are enumerated at their permanent place of residence
 - ☐ 2. The temporary residents are not enumerated at all
 - ☐ 3. The temporary residents are enumerated both at their present as well as permanent place of residences
 - ☐ 4. The temporary residents are enumerated at their present place of residence

Q.2 Which of the following types of international boundaries is incorrectly matched with its characteristic?

- Ans**
- ☐ 1. Antecedent boundaries – Drawn before settlement, often along geometric lines.
 - ☐ 2. Relict boundaries – No longer serve political purposes but remain visible.
 - ☒ 3. Superimposed boundaries – Respect existing cultural divisions through mutual agreement.
 - ☐ 4. Subsequent boundaries – Emerge with cultural development, conforming to ethnic lines.

Q.3 The process of humus formation in soils is known as:

- Ans**
- ☒ 1. Humification
 - ☐ 2. Leaching
 - ☐ 3. Calcification
 - ☐ 4. Pedogenesis

Q.4 In kurtosis, curves that have greater peakedness than the normal curve are known as:

- Ans**
-  1. Mesokurtic
 -  2. Skewness
 -  3. Leptokurtic
 -  4. Platykurtic

Q.5 Which of the following statements is not true about WTO?

- Ans**
-  1. WTO's headquarters is in New York
 -  2. WTO deals with trade rules among member countries
 -  3. WTO has 166 members
 -  4. WTO ensures full trade flow

Q.6 Which of the following does not represent Marmagao Port's hinterland?

- Ans**
-  1. South Maharashtra
 -  2. Goa
 -  3. South Gujarat
 -  4. Karnataka

Q.7 Which of the following resolutions is measured in bits?

- Ans**
-  1. Spatial resolution
 -  2. Temporal resolution
 -  3. Spectral resolution
 -  4. Radiometric resolution

Q.8 Which stage in Demographic Transition theory has declining death rate with high birth rate?

- Ans**
-  1. Stage 4
 -  2. Stage 2
 -  3. Stage 3
 -  4. Stage 1

Q.9 Which policy was jointly enunciated by India and China in 1954 to strengthen peace?

- Ans**
-  1. Five Principles of Peaceful Coexistence (Panchsheel)
 -  2. SALT Agreement
 -  3. Treaty of Tashkent
 -  4. Indo-China Border Peace Agreement

Q.10 When resources, ideas, and economic benefits spread from core area to nearby periphery it is called?

- Ans**
-  1. Hirschman's trickle down effect
 -  2. Hirschman's negative impact
 -  3. Hirschman's Glowing effect
 -  4. Myrdal's Backwash effect

Q.11 In GIS, which type of data would describe the demographic data of a place?

- Ans**
-  1. Non-Spatial Data
 -  2. Spatial Data
 -  3. Topographical Data
 -  4. Satellite Data

Q.12 Where does the Infrared region of Electromagnetic spectrum fall?

- Ans**
-  1. Visible light and microwave
 -  2. X-ray and microwave
 -  3. X-ray and ultraviolet
 -  4. Radio and microwave

- Q.13 Which of the following sequences correctly matches Himalayan uplift phases with geological periods?**
- Ans**
- ☒ 1. Greater Himalayas (Eocene–Oligocene), Lesser Himalayas (mid-Miocene), Shiwaliks (Post-Pliocene)
 - ☐ 2. Lesser Himalayas (Cretaceous), Greater Himalayas (Jurassic), Shiwalik (Holocene)
 - ☐ 3. Shiwalik (Miocene), Lesser Himalayas (Pliocene), Greater Himalayas (Quaternary)
 - ☐ 4. Greater Himalayas (Pliocene), Lesser Himalayas (Quaternary), Shiwaliks (Miocene)

- Q.14 In comparison to heartland theory, which part of the world is demarcated as 'Rimland' by Spykman?**
- Ans**
- ☐ 1. 'Rimland' is the outer crescent area as mentioned by Mackinder in his Heartland theory
 - ☒ 2. 'Rimland' is the Inner/Marginal Crescent, partly continental and partly oceanic as mentioned by Mackinder in his Heartland theory
 - ☐ 3. 'Rimland' is the same region as previously mentioned by Mackinder in Heartland theory
 - ☐ 4. 'Rimland' is the North American landmass in the second world war era

- Q.15 Which of the following countries is not a member state of the 'South Asian Free Trade Area (SAFTA)'?**
- Ans**
- ☐ 1. Afghanistan
 - ☒ 2. China
 - ☐ 3. Maldives
 - ☐ 4. Bangladesh

- Q.16 What do you mean by high temporal resolution of a satellite image?**
- Ans**
- ☐ 1. A longer recording interval implies lower temporal resolution.
 - ☐ 2. A shorter recording interval implies lower temporal resolution.
 - ☒ 3. A shorter recording interval implies higher temporal resolution.
 - ☐ 4. A longer recording interval implies higher temporal resolution.

- Q.17 What is the term used for photographs taken with the optical axis of the camera exactly vertical?**
- Ans**
- ☐ 1. High oblique photographs
 - ☐ 2. Low oblique photographs
 - ☐ 3. Tilted photographs
 - ☒ 4. Vertical photographs

- Q.18 How is the masculinity proportion measured in a population?**
- Ans**
- ☐ 1. Percentage of female in the population
 - ☐ 2. Number of male per thousand female in a population
 - ☐ 3. Number of female per thousand male in a population
 - ☒ 4. Percentage of males in the population

- Q.19 The electromagnetic radiation wavelengths to which a Remote Sensing system is sensitive, is commonly called_____**
- Ans**
- ☐ 1. Spatial Resolution
 - ☐ 2. Temporal Resolution
 - ☐ 3. Radiometric Resolution
 - ☒ 4. Spectral Resolution

- Q.20 Which of the following statements is not correct about the Heartland Model?**
- Ans**
- ☐ 1. Spatial geopolitical model
 - ☐ 2. Control of Eurasian 'Heartland'
 - ☒ 3. Key regions: Eurasian Coast, Middle East and South-East Asia
 - ☐ 4. Emphasized on land conquest and dominance

Q.1 The Asia-Pacific Economic Cooperation (APEC) was established in which year?

- Ans**
- ☐ 1. 1985
 - ☐ 2. 1991
 - ☒ 3. 1989
 - ☐ 4. 1997

Q.2 At which location is the continental shelf of the Indian Ocean quite extensive?

- Ans**
- ☐ 1. Along Australia
 - ☐ 2. Along the northern coast of Antarctica
 - ☒ 3. Along the margins of the Arabian Sea and the Bay of Bengal
 - ☐ 4. Along the coast of Java and Sumatra

Q.3 Assertion (A): Slums are growing rapidly in Indian cities. Reason (R): Rising material and labor costs have made affordable housing inaccessible to the urban poor.

- Ans**
- ☐ 1. A is false, but R is true
 - ☐ 2. A is true, but R is false
 - ☐ 3. Both A and R are true, but R is not the correct explanation of A.
 - ☒ 4. Both A and R are true, and R is the correct explanation of A.

Q.4 Who among the following claimed that 'the first cities that came up were not the cities of the living but of the dead'?

- Ans**
- ☒ 1. Lewis Mumford
 - ☐ 2. Henri Pirenne
 - ☐ 3. Patrick Geddes
 - ☐ 4. Gordon Childe

Q.5 Why is the birth rate low in stage four of the demographic transition model?

- Ans**
- ☐ 1. Most people work away from farming in factories and are moving to the cities
 - ☒ 2. More women are working and consumerism means that the cost of raising children is very high
 - ☐ 3. Diseases spread rapidly in insanitary conditions
 - ☐ 4. Hospital and sanitation facilities are starting to be developed

Q.6 Which scholar did not give any theory on coral reef origin?

- Ans**
- ☐ 1. Daly
 - ☐ 2. Darwin
 - ☒ 3. Newton
 - ☐ 4. Davis

Q.7 The word Umland with geographical meaning was first used by?

- Ans**
- ☐ 1. Von Thunen
 - ☐ 2. R.J. Pryor
 - ☒ 3. Andre Allix
 - ☐ 4. Patric Geddes

Q.8 Which of the following statements is not true about the central business district of any large city?

- Ans**
- ☐ 1. It possesses major retail and office activities.
 - ☒ 2. Here land value is comparatively lower than other parts of the city.
 - ☐ 3. Here vehicular traffic is the maximum compared to other parts of the city.
 - ☐ 4. It consists of tall buildings.

Q.9 What percentage of the total ocean deposits is constituted by red clay?

- Ans**
- ☐ 1. 18.5%
 - ☐ 2. 34%
 - ☒ 3. 31.1%
 - ☐ 4. 21.1%

Q.10 In Walter Christaller's Central Place Theory, what is a "threshold"?

- Ans**
- ☒ 1. The minimum market size (number of customers) required for a business to be profitable
 - ☐ 2. The maximum distance consumers are willing to travel to obtain it
 - ☐ 3. The rank of the central place (e.g., hamlet, town, city) required to offer it
 - ☐ 4. The transportation cost involved in importing the good to the central place

Q.11 What does threshold population mean in Central Place Theory?

- Ans**
- ☒ 1. The minimum population required to support a service or good
 - ☐ 2. The number of people living in a city's core
 - ☐ 3. The average population density of a region
 - ☐ 4. The maximum distance a consumer is willing to travel to purchase a good

Q.12 Modifications in Christaller's model $K=3$, $K=4$ and $K=7$ are superimposed on one another and function at several levels are given by?

- Ans**
- ☒ 1. A. Losch
 - ☐ 2. RJ Johnston
 - ☐ 3. Alfred Weber
 - ☐ 4. Von Thunen

Q.13 What percentage of notified slum blocks are there in India according to the 2011 Census?

- Ans**
- ☐ 1. 37.20
 - ☒ 2. 34.30
 - ☐ 3. 23.10
 - ☐ 4. 28.50

Q.14 Perigean tides occur when the moon is at:

- Ans**
- ☐ 1. Conjunction with the sun
 - ☐ 2. Equatorial position
 - ☐ 3. Farthest distance from earth
 - ☒ 4. Nearest distance from earth

Q.15 Which of the following is a suggested control measure for soil pollution?

- Ans**
- ☐ 1. Increased industrial effluents
 - ☐ 2. Rapid urbanization
 - ☒ 3. Restriction on D.D.T.
 - ☐ 4. Uncontrolled use of pesticides

Q.16 Which of the following currents contributes to the dry climate of the Kalahari Desert?

- Ans**
- ☐ 1. The Falkland Current
 - ☐ 2. The Norwegian Current
 - ☐ 3. The Brazilian Current
 - ☒ 4. The Benguela Current

Q.17 When the entire top sheet of soil is carried away by water/wind, leaving behind barren rock, it is typically called _____

- Ans**
- ☐ 1. Gully erosion
 - ☐ 2. Rill erosion
 - ☐ 3. Surface creep
 - ☒ 4. Sheet erosion

Q.18 Which one among these is a warm current?

- Ans**
- ☐ 1. Canary
 - ☒ 2. North Atlantic
 - ☐ 3. Peru
 - ☐ 4. California

Q.19 The small ridges which arise within the lagoons are called?

- Ans**
- ☒ 1. Coral pinnacles
 - ☐ 2. Coral banks
 - ☐ 3. Faros
 - ☐ 4. Coral island

Q.20 Which ridge is not a part of the Indian Ocean?

- Ans**
- ☐ 1. Carlberg Ridge
 - ☒ 2. Walvis Ridge
 - ☐ 3. Murray Ridge
 - ☐ 4. Socotra-Chagos Ridge

Section : **Teaching Methodology**

Q.1 Which international convention, ratified by India, advocates for a human rights-based approach to disability?

- Ans**
- ☐ 1. RMSA Policy
 - ☐ 2. IEDSS Framework
 - ☐ 3. SSA Framework
 - ☒ 4. UNCRPD

Q.2 Which of the following correctly matches a discipline of knowledge with its primary method of inquiry?

- Ans**
- ☐ 1. History – Experimental method
 - ☒ 2. Sociology – Observation and survey research
 - ☐ 3. Physics – Hermeneutic interpretation
 - ☐ 4. Mathematics – Ethnographic fieldwork

Q.3 Which concept, often used as a principle in inclusive education policies, emphasizes providing different resources and supports to individuals to ensure fair access to opportunities, rather than treating everyone identically?

- Ans**
- ☐ 1. Equality
 - ☐ 2. Segregation
 - ☐ 3. Mainstreaming
 - ☒ 4. Equity

Q.4 Which term refers to the philosophical beliefs about learning that guide a teacher's entire instructional design?

- Ans**
- ☒ 1. Teaching Approach
 - ☐ 2. Teaching Technique
 - ☐ 3. Instructional Method
 - ☐ 4. Teaching Strategy

Q.5 What does the principle of continuity in curriculum mean according to the NCF 2005?

- Ans**
- ☐ 1. Avoiding repetition of topics at different levels
 - ☐ 2. Introducing entirely new subjects every year
 - ☐ 3. Focusing only on examination preparation
 - ☒ 4. Progressive concept extension

Q.6 From which psychological theory is the origin of lesson planning derived?

- Ans**
- ☐ 1. Cognitive theory
 - ☒ 2. Behaviorism theory
 - ☐ 3. Gestalt psychology
 - ☐ 4. Constructivism theory

Q.7 Which of the following best describes the relationship between growth and development?

- Ans**
- ☒ 1. Growth is physical increase, while development includes overall changes in personality.
 - ☐ 2. Development stops after growth is complete.
 - ☐ 3. Growth refers to qualitative changes, while development refers to quantitative changes.
 - ☐ 4. Growth and development mean the same thing.

Q.8 Which of the following assessment tools best helps in tracking a student's progress over time through collected samples of work?

- Ans**
- ☐ 1. Rating scale
 - ☐ 2. Observation schedule
 - ☐ 3. Checklist
 - ☒ 4. Portfolio

Q.9 Which of the following is NOT a recommended criterion for selecting learning resources?

- Ans**
- ☒ 1. Complex way of presentation
 - ☐ 2. Encouragement of critical thinking
 - ☐ 3. Relevance to curriculum goals
 - ☐ 4. Accessibility for all learners

Q.10 The Herbartian concept of 'Perceptive Mass' refers to which of the following?

- Ans**
- ☐ 1. The student's immediate, conscious attention during the Presentation step.
 - ☒ 2. The entire body of organized, pre-existing knowledge, ideas, and experiences in the mind that assimilates new information.
 - ☐ 3. The collective moral character traits developed by the students over the course of instruction.
 - ☐ 4. The specific textbook or curriculum used by the teacher to present new material.

Q.11 What does multilingualism mean in the context of education?

- Ans**
- ☐ 1. Teaching all subjects only in English
 - ☒ 2. The use of more than one language for communication and learning
 - ☐ 3. Avoiding the use of mother tongue in schools
 - ☐ 4. The ability to communicate in only one language

Q.12 A teacher uses 'exit tickets' and 'think-pair-share' activities during a lesson to gauge student understanding and adjust the remaining instruction. This is an example of which type of assessment?

- Ans**
- ☐ 1. Diagnostic Assessment
 - ☒ 2. Formative Assessment
 - ☐ 3. Summative Assessment
 - ☐ 4. Placement Evaluation

Q.13 In co-educational schools, gender stereotypes persist despite good intentions. This is mainly due to what?

- Ans**
- ☐ 1. Biological differences
 - ☐ 2. Explicit curriculum content
 - ☐ 3. Lack of governmental policy
 - ☒ 4. Societal patriarchal structures

Q.14 Which of the following statements correctly differentiates assessment from evaluation?

- Ans**
- ☒ 1. Assessment focuses on learning, while evaluation judges performance.
 - ☐ 2. Assessment ignores student progress, while evaluation tracks it.
 - ☐ 3. Assessment and evaluation are exactly the same in all contexts.
 - ☐ 4. Evaluation collects information, while assessment only assigns grades.

Q.15 Which statement most accurately differentiates assessment from evaluation?

- Ans**
- ☐ 1. Assessment focuses on teachers, evaluation focuses on learners.
 - ☐ 2. Assessment is only summative, evaluation is only formative.
 - ☒ 3. Assessment measures learning evidence, evaluation judges its value.
 - ☐ 4. Assessment judges value, evaluation measures learning evidence.

Q.16 A course on educational technology emphasizes a "discovery-based learning" approach where students collaboratively investigate complex problems with minimal direct instruction. Which learning perspective most strongly aligns with this instructional design?

- Ans**
- ☐ 1. Humanism
 - ☐ 2. Cognitivism
 - ☒ 3. Constructivism
 - ☐ 4. Behaviorism

Q.17 According to Elliot Eisner, which of the following best captures the role of aesthetics in cognitive development?

- Ans**
- ☐ 1. Aesthetic experiences should be strictly separate from other academic learning
 - ☐ 2. Aesthetic experiences primarily enhance emotional expression without affecting cognition
 - ☒ 3. Engagement with art and aesthetics fosters complex forms of thinking, imagination, and problem-solving
 - ☐ 4. Aesthetic education is only valuable for training professional artists

Q.18 What is the main purpose of aesthetics in education?

- Ans**
- ☐ 1. To focus only on memorization of facts
 - ☐ 2. To teach students advanced mathematics
 - ☒ 3. To develop appreciation for beauty, creativity, and artistic expression
 - ☐ 4. To improve students' physical strength

Q.19 Gender bias in textbooks often manifests through stereotyping, which is best exemplified by:

- Ans**
- ☐ 1. Including historical figures of all genders who contributed to the field.
 - ☐ 2. Using gender-neutral language in problem sets and examples
 - ☒ 3. Depicting men in high-status, professional roles and women solely in domestic or caregiving roles.
 - ☐ 4. Equal textual space for male and female authors.

Q.20 Which of the following best defines a discipline of knowledge?

- Ans**
- ☐ 1. Any hobby or leisure activity pursued by students
 - ☒ 2. A branch of knowledge with its own concepts, methods, and boundaries
 - ☐ 3. A temporary collection of ideas without systematic study
 - ☐ 4. A set of unrelated facts learned for exams