

DSSSB Exam July 2025

Test Date	25/07/2025
Test Time	9:00 AM - 12:00 PM
Subject	PGT Geography

Section : Mental Ability and Reasoning Ability

Q.1 Laxman started driving from point A and drove 5 km towards the north. Then he took a left turn and drove 10 km. He again took a left turn and drove 4 km and reached point B. Priya started driving from point A and drove 5 km towards the north. She took a right turn and drove another 5 km. She took another right turn and drove 4 km and reached point C. In which direction is point B with respect to point C? (All turns are 90 degree turns.)

- Ans**
- ☐ 1. North
 - ☐ 2. East
 - ☒ 3. West
 - ☐ 4. South

Q.2 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. Q has an exam immediately before P. S has an exam immediately after T. Only five people have an exam between T and P. V has an exam on one of the days before R but on one of the days after U. Who has an exam on Friday?

- Ans**
- ☐ 1. V
 - ☐ 2. Q
 - ☒ 3. R
 - ☐ 4. U

Q.3 What should come in place of the question mark (?) in the given series?

59, 65.3, 71.6, 77.9, 84.2, ?

- Ans**
- ☐ 1. 87.9
 - ☐ 2. 95.3
 - ☐ 3. 94.6
 - ☒ 4. 90.5

Q.4 This question is based on the words given below.

HAT DOG SIM FOE

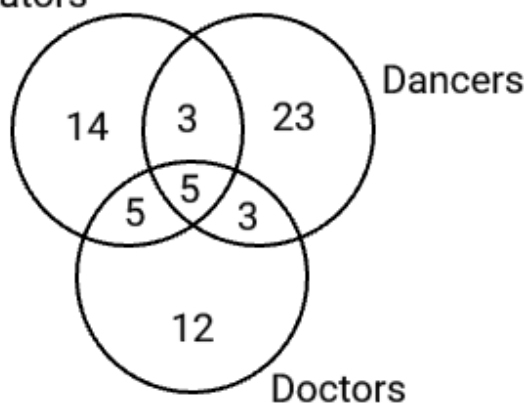
In each of the words, each vowel is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. In how many letter-clusters thus formed will no vowel appear?

- Ans**
- ☐ 1. Two
 - ☒ 2. Three
 - ☐ 3. One
 - ☐ 4. None

Q.5 Study the given figure and answer the question that follows.

The numbers in different sections indicate the numbers of people.

Educators



What is the total number of dancers?

- Ans
- ☐ 1. 23
 - ☐ 2. 26
 - ☐ 3. 11
 - ☒ 4. 34

Q.6 This question is based on the words given below.

MAY LIE DYE FAR

In each of the words, each consonant is changed to the letter immediately following it in the English alphabetical order, and vowels remain the same. How many letter-clusters thus formed will have at least two vowels?

- Ans
- ☐ 1. Three
 - ☐ 2. One
 - ☐ 3. None
 - ☒ 4. Two

Q.7 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 son of B' and
'A % B' means 'A is the sister of B'.

Which of the following means that K is the brother of L?

- (I) $K - L \$ J + M \% N$
- (II) $L \$ K + J \% N - M$
- (III) $K - M \$ N + J \% L$
- (IV) $J - K \$ M + L \% N$

- Ans
- ☐ 1. (III) and (IV)
 - ☐ 2. Only (II)
 - ☒ 3. Only (IV)
 - ☐ 4. Only (III)

Q.8 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 ::?

: TPF :: RFG : %

- Ans
- ☐ 1. # = ZZB, % = KFL
 - ☒ 2. # = WSA, % = OCL
 - ☐ 3. # = ZAT, % = KDO
 - ☐ 4. # = WTJ, % = ODZ

Q.9 Which of the given letter-number clusters will replace the question mark (?) in the following series to make it logically complete?

GHJ197, MNP206, STV215, YZB224, ?

- Ans**
- ☒ 1. GFH233
 - ☒ 2. EFH233
 - ☒ 3. EFH231
 - ☒ 4. EFZ233

Q.10 Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number result(s) in the second number. Similarly, certain mathematical operation(s) on the second number result(s) in the third number and so on. Which of the given options follows the same set of operations as in the given sets? (NOTE: Operations should be performed on the whole number, without breaking down the numbers into their constituent digits. E.g. 13- Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

5 – 25 – 50 – 55
7 – 49 – 98 – 103

- Ans**
- ☒ 1. 9 – 81 – 162 – 170
 - ☒ 2. 3 – 6 – 12 – 17
 - ☒ 3. 4 – 16 – 32 – 37
 - ☒ 4. 1 – 1 – 2 – 10

Q.11 Read the given statement 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 conclusion(s) logically follow(s) from the statement.

Statement:

A prominent software giant, Company T, reported a 30% increase in employee productivity following the implementation of a mandatory four-day work week and the introduction of wellness programs. The CEO expressed that employees felt more revitalised and motivated.

Conclusions:

- (I) Employee well-being can positively impact productivity in company T.
(II) A 4-day work week is the sole reason for increased productivity in the company T.

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

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

GAU LFZ QKE VPJ AVO FZT

- Ans**
- ☒ 1. AVO
 - ☒ 2. VPJ
 - ☒ 3. FZT
 - ☒ 4. QKE

Q.13 A certain number of people are sitting in a row, facing the north. A sits third to the right of B. Only two people sit between A and C. E sits third to the left of D. Only one person sits between D and C. E is not an immediate neighbour of B. If no other person is sitting in the row, what is the total number of people seated?

- Ans**
- ☒ 1. 11
 - ☒ 2. 9
 - ☒ 3. 7
 - ☒ 4. 8

Q.14 In a certain code,
'mobile govern life' is coded as 'tu mi ba',
'politician govern country' is coded as 'mi ka pu' and
'country is life' is coded as 'ba ka se'.
(All the codes are two-letter codes only.)
What is the possible code for 'mobile politician'?

- Ans**
-  1. tu ka
 -  2. pu mi
 -  3. tu pu
 -  4. ba mi

Q.15 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, I, N, F and O are seated and all of them are facing the south.
In row 2, J, A, R and S are seated and all of them are facing the north.
Thus, each person faces another person from the other row.
N sits third to the right of O. S sits third to the left of R. F sits at some place to the right of I and is not facing A. The one facing I is an immediate neighbour of R. Which of the following options represents both people sitting at extreme ends of the line?

- Ans**
-  1. F and A
 -  2. O and R
 -  3. S and I
 -  4. N and J

Q.16 43 is related to 26 following a certain logic. Following the same logic, 87 is related to 70.
To which of the given options is 91 related, following the same logic?

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

- Ans**
-  1. 74
 -  2. 86
 -  3. 78
 -  4. 73

Q.17 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 letter-cluster pair 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 pair.)

- Ans**
-  1. TO-UX
 -  2. QL-RT
 -  3. JE-KM
 -  4. LG-MO

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

$$8442 \times 2 - 103 + 202 \div 9 = ?$$

- Ans**
-  1. 2406
 -  2. 2506
 -  3. 2206
 -  4. 2306

Q.19 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 letter-cluster pair 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 pair.)

- Ans**
-  1. KO-JM
 -  2. OS-NR
 -  3. FJ-EI
 -  4. IM-HL

Q.20 In the following number-pairs, the second number is obtained by performing certain mathematical operations on the first number. Which numbers should replace X and Y so that the pattern followed by the two numbers on the left side of :: is the same as that on the right side of ::?
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying 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 : 319 :: 20 : Y

- Ans
-  1. X = 17, Y = 401
 -  2. X = 18, Y = 395
 -  3. X = 18, Y = 399
 -  4. X = 17, Y = 395

Section : **General Awareness**

Q.1 In which of the following years was Bharat Nirman Programme launched for the development of rural India?

- Ans
-  1. 2006
 -  2. 1995
 -  3. 2005
 -  4. 2007

Q.2 Where are the headquarters of the Office of the Registrar General and Census Commissioner, India, located?

- Ans
-  1. Jaipur
 -  2. New Delhi
 -  3. Pune
 -  4. Kolkata

Q.3 Which state topped NITI Aayog's 'Good Health and Wellbeing' (SDG 3) index in the 2023-24 edition, released in July 2025?

- Ans
-  1. Uttarakhand
 -  2. Maharashtra
 -  3. Gujarat
 -  4. Kerala

Q.4 The ability of women to actively participate in economic and political life is measured by _____.

- Ans
-  1. CPM
 -  2. GEM
 -  3. HDI
 -  4. GDI

Q.5 Individuals with the blood group ABO are an example of which of the following?

- Ans
-  1. Recessive dominance
 -  2. Codominance
 -  3. Incomplete dominance
 -  4. Dominance

Q.6 Which plant tissue transports water and mineral salts from the roots up to other parts of the plant?

- Ans
-  1. Cambium
 -  2. Xylem
 -  3. Phloem
 -  4. Mesenchymal tissue

Q.7	River Tapi flows parallel to which of the following rivers?
Ans	 1. Brahmaputra  2. Godavari  3. Indus  4. Narmada
Q.8	What programme was launched by the Union Health Minister in March 2024 to support small-scale entrepreneurs in setting up and upscaling PM Bhartiya Janaushadhi Kendras?
Ans	 1. Startup India Initiative  2. Make in India Programme  3. PM Dhanvantari Scheme  4. Credit Assistance Program
Q.9	Which of the following Articles of the Constitution are related to the Eighth Schedule?
Ans	 1. Articles 344(1) and 351  2. Articles 352 and 356  3. Articles 348 and 350  4. Articles 343 and 345
Q.10	Who became the second Indian cricketer to take 500 wickets in Test matches after dismissing Zak Crawley in Rajkot in February 2024?
Ans	 1. Ravindra Jadeja  2. Mohammed Shami  3. Jasprit Bumrah  4. Ravichandran Ashwin
Q.11	Why is Republic Day significant for the Constitution of India?
Ans	 1. It was adopted on this day.  2. It was translated on this day.  3. It was first debated on this day.  4. It was signed on this day.
Q.12	In which of the following years was the first edition of the Key Indicators of the Labour Market (KILM) released by the Department of Statistics, International Labour Organization (ILO)?
Ans	 1. 2010  2. 1995  3. 1999  4. 2005
Q.13	Which Article of the Indian Constitution deals with the 'Appointment of Ad Hoc Judges' in the Supreme Court of India?
Ans	 1. Article 125  2. Article 127  3. Article 123  4. Article 128
Q.14	Who has the power to regulate the Right of Citizenship by law?
Ans	 1. State Legislature  2. Executive  3. Judiciary  4. Parliament

Q.15 Correctly match the following.

Rivers	Tributaries
1) Indus	a. Yamuna
2) Ganga	b. Jhelum
3) Godavari	c. Manjra

- Ans
- ☐ 1. 1-c, 2-a, 3-b
 - ☐ 2. 1-c, 2-b, 3-a
 - ☐ 3. 1-a, 2-b, 3-c
 - ☒ 4. 1-b, 2-a, 3-c

Q.16 In Akbar's Administration, the Diwan-i-Kul was responsible for which of the following of the empire?

- Ans
- ☐ 1. The religious donations
 - ☒ 2. Revenue and finances
 - ☐ 3. The military organisation
 - ☐ 4. The safety of Mughal Emperor and the royal family

Q.17 The Cabinet mission came to India in 1946 with the aim of deliberations with Indian leaders on the issue of _____.

- Ans
- ☐ 1. separating India and Pakistan
 - ☐ 2. liberating India
 - ☒ 3. transferring power to Indians
 - ☐ 4. announcing Independence

Q.18 Which festival is celebrated by the Arunachali Monpas to mark the advent of spring and the first day of the lunar calendar?

- Ans
- ☐ 1. Nyokum
 - ☐ 2. Losoong
 - ☐ 3. Saga Dawa
 - ☒ 4. Losar

Q.19 Arrange these sultans of Delhi sultanate in the correct chronological order.

- a. Razia Sultana
- b. Qutubuddin Aibak
- c. Ghiyas-ud-din Balban
- d. Iltutmish

- Ans
- ☐ 1. b, d, c, a
 - ☐ 2. c, d, b, a
 - ☐ 3. d, a, c, b
 - ☒ 4. b, d, a, c

Q.20 A member of the Union Council of Ministers has to be necessarily a member of _____.

- Ans
- ☒ 1. either House of Parliament
 - ☐ 2. State Legislative Assembly
 - ☐ 3. Public Accounts Committee
 - ☐ 4. State Legislative Council

Q.1 A man bought two varieties of guavas, one at the rate of ₹6 for 7 guavas, and the other at ₹6 per guava. He purchased an equal number of guavas of each variety and sold all the guavas at ₹6 each. What was his profit percentage?

- Ans**
- ☐ 1. 80%
 - ☒ 2. 75%
 - ☐ 3. 72%
 - ☐ 4. 76%

Q.2 A sum of money, when invested at a certain rate of interest per year compounded annually, amounts to ₹12,500 in 1 year and to ₹13,500 in 2 years. Find the rate of interest offered per year.

- Ans**
- ☒ 1. 8%
 - ☐ 2. 7%
 - ☐ 3. 9%
 - ☐ 4. 10%

Q.3 The volume of a triangular prism is 2112 cm^3 . Find the corresponding height of the prism given that the length of its base is 12 cm and the corresponding height of the triangle forming its base is 16 cm.

- Ans**
- ☒ 1. 22 cm
 - ☐ 2. 21 cm
 - ☐ 3. 20 cm
 - ☐ 4. 23 cm

Q.4 Forty-eight men can dig a trench in 14 days. In how many days will 28 men dig the same trench?

- Ans**
- ☒ 1. 24
 - ☐ 2. 48
 - ☐ 3. 10
 - ☐ 4. 12

Q.5 The average of 13 numbers is 7. If each number is multiplied by 8, then what will the new average be?

- Ans**
- ☐ 1. 7
 - ☒ 2. 56
 - ☐ 3. 13
 - ☐ 4. 8

Q.6 The temperature at the surface of the ocean is 15°C . At 1500 metres below the surface of the ocean, the temperature is 5°C . If the temperature decreases at a steady rate for every metre that the depth increases, then by how much does the temperature (in $^{\circ}\text{C}$) decrease for every 150 metres of increase in depth of the ocean?

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

Q.7

If $\frac{a}{b} = \frac{4}{3}$, find the value of $\frac{[a^2 + b^2]}{[a^2 - b^2]}$.

Ans

 1. $\frac{25}{8}$

 2. $\frac{25}{7}$

 3. $\frac{22}{3}$

 4. $\frac{22}{4}$

Q.8

Ramesh, a vegetable seller, sells tomatoes at an 18% profit. At the same time, he uses false weight, which is 12% less than the actual weight. What will be his total gain percentage (rounded off to 2 decimal places)?

Ans

 1. 28.12%

 2. 46.32%

 3. 39.48%

 4. 34.09%

Q.9

Ram can finish a work in 25 days and Yogi takes 35 days to finish the same work. They start working together for a few days and then Ram leaves. The remaining work was finished by Yogi in 23 days. The number of days they worked together is:

Ans

 1. 5 days

 2. 9 days

 3. 6 days

 4. 8 days

Q.10

Ramesh, Riya and Siya can do a work separately in 12, 18 and 24 days, respectively. They started the work together, but Riya stopped working 4 days before the task was completed, and Siya stopped 6 days before its completion. How long did it take to complete the work?

Ans

1. $8\frac{2}{3}$ days

2. $9\frac{2}{3}$ days

3. $9\frac{1}{3}$ days

4. $8\frac{1}{3}$ days

Note: For this question, discrepancy is found in question/answer. So, This question is ignored for all candidates.

Q.11

A and B take part in a 200 m race. A runs at 8 km/hr. A gives B a start of 8 m and still beats him by 6 sec. The speed of B is:

Ans

 1. 7.68 km/hr

 2. 7.2 km/hr

 3. 7.5 km/hr

 4. 8.2 km/hr

Q.12

The average of 13 numbers is 8. If each number is multiplied by 6, then what will the new average be:

Ans

 1. 13

 2. 48

 3. 8

 4. 6

Q.13 At what rate (in percentage) per annum on simple interest will a sum of money be two times of itself in 10 years?

- Ans**
- ☐ 1. 19
 - ☒ 2. 10
 - ☐ 3. 9
 - ☐ 4. 20

Q.14 In a mixture bought from a milkman, the ratio of milk and water is 2 : 1. If 3 litres of water is added to 12 litres of the mixture bought from the milkman, then what will the percentage of water in the new mixture be? (Rounded up to two decimal places)

- Ans**
- ☐ 1. 64.67%
 - ☐ 2. 53.33%
 - ☒ 3. 46.67%
 - ☐ 4. 41.67%

Q.15 A train running at a speed of 90 km/hr passes a pole on the platform in 20 seconds. Find the length of the train (in m).

- Ans**
- ☐ 1. 494
 - ☐ 2. 480
 - ☒ 3. 500
 - ☐ 4. 472

Q.16 Three bells toll at intervals of 24 sec, 60 sec and 72 sec, respectively. If the three bells toll together at 10:00 a.m., when will they toll together next?

- Ans**
- ☐ 1. 10:04 a.m.
 - ☐ 2. 10:05 a.m.
 - ☐ 3. 10:07 a.m.
 - ☒ 4. 10:06 a.m.

Q.17 A solid cylindrical wooden block had a base radius of 12 cm and a height of 16 cm. A conical cavity, having the same base radius and same height as those of the cylinder, is carved out of the cylindrical block. Find the total surface area (in cm^2) of the remaining solid. [Take $\pi = 3.14$]

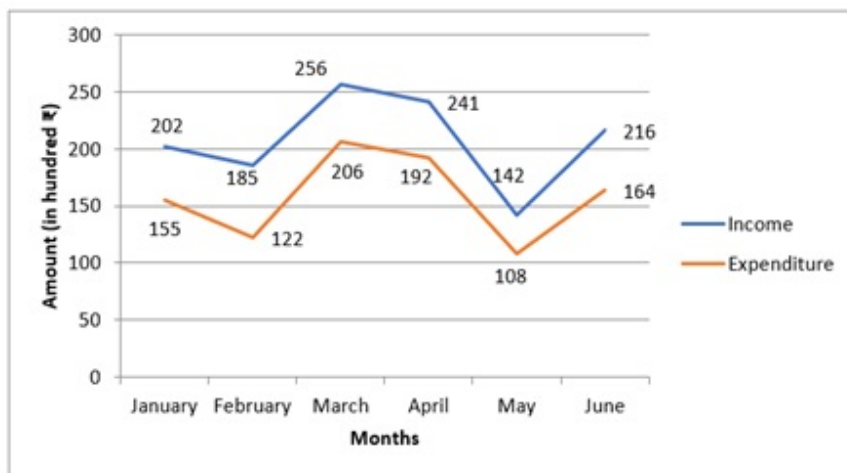
- Ans**
- ☐ 1. 2311.25
 - ☐ 2. 2011.42
 - ☐ 3. 2410.52
 - ☒ 4. 2411.52

Q.18 The price of wheat increased by 16.8%. By how much percentage (rounded off to 1 decimal place) should a housewife reduce her consumption, so that her expenditure on wheat does NOT increase?

- Ans**
- ☐ 1. 10.5%
 - ☐ 2. 13.5%
 - ☒ 3. 14.4%
 - ☐ 4. 15.4%

Q.19 Study the graph carefully and answer the question that follows.

The following line graph represents the income and the expenditure (in hundred ₹) of Mohan during the first six months of the year.



In which month was Mohan's savings the maximum?

- Ans
- ☒ 1. June
 - ☒ 2. March
 - ☒ 3. April
 - ☒ 4. February

Q.20 The marked price of a table is ₹2,360. If it is sold at a discount of 25%, then the selling price of the table is:

- Ans
- ☒ 1. ₹1,775
 - ☒ 2. ₹1,790
 - ☒ 3. ₹1,785
 - ☒ 4. ₹1,770

Section : English Language and Comprehension

Q.1 Select the option that can be used as a one-word substitute for the underlined group of words/phrase in the given sentence.

In spite of his age, he has a lot of energy and enthusiasm for life.

- Ans
- ☒ 1. raw deals
 - ☒ 2. flashes in the pan
 - ☒ 3. vim and vigour
 - ☒ 4. done deals

Q.2 Identify the INCORRECTLY spelt word in the given sentence.

The lackadaisical attitude of the team kept them stuck in the doldrums, while their competitors, driven and energetic, thrived in the ubiquitous excitement of the boisterous crowd.

- Ans
- ☒ 1. doldrums
 - ☒ 2. ubiquitous
 - ☒ 3. boisterous
 - ☒ 4. lackadaisical

Q.3 Select the most appropriate option to fill in the blank.

He decided to study biology, _____ he had always been fascinated by living organisms.

- Ans
- ☒ 1. for
 - ☒ 2. so
 - ☒ 3. nor
 - ☒ 4. but

Q.4 Select the option that can be used as a one-word substitute for the given group of words.

A government run by the wealthy

- Ans**
- ☒ 1. Oligarchy
 - ☒ 2. Bureaucracy
 - ☒ 3. Plutocracy
 - ☒ 4. Aristocracy

Q.5 Select the most appropriate synonym of the underlined word to fill in the blank.

Savant: The teacher's clarification was lucid and easy to grasp.

Hemant: Yes, I thought it was also _____ and easy to digest.

- Ans**
- ☒ 1. ambiguous
 - ☒ 2. distinct
 - ☒ 3. enigmatic
 - ☒ 4. obstruse

Q.6 Select the option that can be used as a one-word substitute for the underlined segment in the given passage.

History is rife with examples of individuals who, for various reasons, chose to betray their own people and collaborate with an enemy. Such a person is often branded a(an) traitor who collaborates with an occupying enemy force. Whether driven by personal ambition, a warped sense of ideology or sheer cowardice in the face of adversity, they become a symbol of ultimate betrayal, forever marked by their willingness to side with the oppressor against their own nation.

- Ans**
- ☒ 1. cynosure
 - ☒ 2. bigot
 - ☒ 3. quisling
 - ☒ 4. anarchist

Q.7 Select the most appropriate option to fill in the blank.

If they _____ the technology earlier, their growth trajectory would have been different.

- Ans**
- ☒ 1. adopt
 - ☒ 2. had adopted
 - ☒ 3. adopting
 - ☒ 4. adopts

Q.8 Select the most appropriate question tag to fill in the blank.

They are planning to visit Kashmir, _____?

- Ans**
- ☒ 1. aren't they
 - ☒ 2. won't they
 - ☒ 3. do they
 - ☒ 4. don't they

Q.9 Select the most appropriate idiom that can substitute the underlined segment in the given sentence.

Don't be in a hurry to respond to that rude email from your boss, do not take action without thinking about it first.

- Ans**
- ☒ 1. hold your horses
 - ☒ 2. turn tables
 - ☒ 3. nurse a grudge
 - ☒ 4. cold shoulder

Q.10 Select the most appropriate option to fill in the blank.

The novel was _____ written, capturing the complex emotions of its characters.

- Ans**
- ☒ 1. beautifully
 - ☐ 2. most beautiful
 - ☐ 3. more beautiful
 - ☐ 4. beautiful

Q.11 Select the most appropriate synonym of the underlined word to fill in the blank.

Savant: His writing style is florid, full of embellished language.

Hemant: Yes, it is something more _____.

- Ans**
- ☐ 1. austere
 - ☐ 2. ingenuous
 - ☒ 3. ornate
 - ☐ 4. unadorned

Q.12 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.

A. This is facilitated by the fact that humans are not the natural prey of any venomous snake.

B. Cobras are recognised by the hoods that they flare when angry or disturbed; the hoods are created by the extension of the ribs behind the cobras' heads.

C. We are a bit large for them to swallow whole, and they have no means of chopping us up into bite-size pieces.

D. The Indian cobra is the common name for members of the family of venomous snakes, known for their intimidating looks and deadly bite.

E. Obviously the best prevention is to avoid getting bitten.

- Ans**
- ☒ 1. DBEAC
 - ☐ 2. EADCB
 - ☐ 3. ADCBE
 - ☐ 4. BCADE

Q.13 Rectify the sentence by selecting the correct spelling of the highlighted word from the given options.

The shrewd team members took percautionary measures before starting the experiment.

- Ans**
- ☐ 1. precausionary
 - ☒ 2. precautionary
 - ☐ 3. precautionery
 - ☐ 4. precausionery

Q.14 Select the most appropriate question tag to fill in the blank.

Under no circumstances should you divulge confidential information, _____?

- Ans**
- ☐ 1. would you
 - ☒ 2. should you
 - ☐ 3. did you
 - ☐ 4. are you

Q.15 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.

A. Although this physical reaction will help us function more effectively when we are under pressure for short periods of time, it can be extremely damaging to the body in terms of long-term effects.

B. These hormones produce marked changes in heart rate, blood pressure levels, metabolism and physical activity.

C. When the human body is placed under physical or psychological stress, it increases the production of certain hormones, such as adrenaline and cortisol.

D. Examples of physiological effects are slowing down of the digestive system, increased heart rate and constriction of blood vessels.

Ans  1. ADCB

 2. DBCA

 3. CBAD

 4. BDAC

Comprehension:

Read the given passage and answer the questions that follow.

American literature has undergone a profound transformation from its early colonial roots to its present-day complexity. The initial literary works, often theological in nature, reflected the Puritan settlers' rigid worldview, emphasising moral rectitude and divine providence. Writers such as Jonathan Edwards and Anne Bradstreet used their prose and poetry to navigate religious devotion and personal introspection. However, as the colonies moved towards independence, literature took on a more political tone, with figures like Thomas Paine and Benjamin Franklin using rhetorical finesse to galvanise revolutionary sentiment.

The 19th century marked a period of literary expansion, as American authors sought to carve a distinct identity apart from European influences. Romanticism flourished with writers like Nathaniel Hawthorne and Edgar Allan Poe, whose works explored psychological depth, human fallibility and gothic sensibilities. Simultaneously, transcendentalists such as Ralph Waldo Emerson and Henry David Thoreau championed individualism and nature's spiritual significance. By the latter half of the century, realism emerged as a counterpoint to romantic idealism, with Mark Twain and Henry James depicting life's intricacies through meticulous detail and social critique.

The 20th century saw American literature fracture into numerous stylistic and thematic branches. Modernist writers like TS Eliot and William Faulkner experimented with fragmented narratives and stream-of-consciousness techniques, reflecting the disillusionment of a rapidly changing world. The Harlem Renaissance brought forth voices such as Langston Hughes, who redefined African American identity in literature. In the postmodern era, figures like Thomas Pynchon and Don DeLillo interrogated the nature of truth, media and technological encroachment on human experience.

American literature continues to evolve, encapsulating diverse perspectives and experimental forms. It serves not only as a reflection of historical and cultural shifts but also as an ever-adapting narrative of the American consciousness.

SubQuestion No : 16

Q.16 Select the most appropriate **ANTONYM** of the word 'rectitude' as used in the passage.

Ans  1. Obfuscation

 2. Insouciance

 3. Turpitude

 4. Opprobrium

Comprehension:

Read the given passage and answer the questions that follow.

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SubQuestion No : 17

Q.17 Which of the following literary movements is identified in the passage as a reaction against Romanticism?

- Ans**
- ☒ 1. Gothic Fiction
 - ☒ 2. Realism
 - ☒ 3. Modernism
 - ☒ 4. Transcendentalism

Comprehension:

Read the given passage and answer the questions that follow.

American literature has undergone a profound transformation from its early colonial roots to its present-day complexity. The initial literary works, often theological in nature, reflected the Puritan settlers' rigid worldview, emphasising moral rectitude and divine providence. Writers such as Jonathan Edwards and Anne Bradstreet used their prose and poetry to navigate religious devotion and personal introspection. However, as the colonies moved towards independence, literature took on a more political tone, with figures like Thomas Paine and Benjamin Franklin using rhetorical finesse to galvanise revolutionary sentiment.

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SubQuestion No : 18

Q.18 According to the passage, which of the following factors influenced American literature's shift towards a political tone?

- Ans**
- ☒ 1. The expansion of literary realism and European influences
 - ☒ 2. The movement towards American independence
 - ☒ 3. The influence of transcendentalists such as Ralph Waldo Emerson
 - ☒ 4. The development of Harlem Renaissance

Comprehension:

Read the given passage and answer the questions that follow.

American literature has undergone a profound transformation from its early colonial roots to its present-day complexity. The initial literary works, often theological in nature, reflected the Puritan settlers' rigid worldview, emphasising moral rectitude and divine providence. Writers such as Jonathan Edwards and Anne Bradstreet used their prose and poetry to navigate religious devotion and personal introspection. However, as the colonies moved towards independence, literature took on a more political tone, with figures like Thomas Paine and Benjamin Franklin using rhetorical finesse to galvanise revolutionary sentiment.

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SubQuestion No : 19

Q.19 Based on the passage, which of the following can be inferred about postmodern American literature?

- Ans**
- ☒ 1. It rejects earlier literary movements and reinvents itself.
 - ☒ 2. It primarily focuses on political themes.
 - ☒ 3. It embraces a traditional narrative style.
 - ☒ 4. It challenges the reliability of established narratives.

Comprehension:

Read the given passage and answer the questions that follow.

American literature has undergone a profound transformation from its early colonial roots to its present-day complexity. The initial literary works, often theological in nature, reflected the Puritan settlers' rigid worldview, emphasising moral rectitude and divine providence. Writers such as Jonathan Edwards and Anne Bradstreet used their prose and poetry to navigate religious devotion and personal introspection. However, as the colonies moved towards independence, literature took on a more political tone, with figures like Thomas Paine and Benjamin Franklin using rhetorical finesse to galvanise revolutionary sentiment.

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American literature continues to evolve, encapsulating diverse perspectives and experimental forms. It serves not only as a reflection of historical and cultural shifts but also as an ever-adapting narrative of the American consciousness.

SubQuestion No : 20

Q.20 Which of the following best describes the structure of the passage?

- Ans**
- ☒ 1. It presents a chronological progression of American literature.
 - ☒ 2. It critiques the impact of technological advancements on literature.
 - ☒ 3. It contrasts American and European literature in various periods.
 - ☒ 4. It focuses on modern American literary movements.

Q.1 उचित कारक चिह्न से दिए गए वाक्य के रिक्त स्थान पूर्ण करें--

ज़ोहेब ने घर _____ अलमारी से समीर के लिए हाथ _____ चादर निकाली ।

- Ans
- ☒ 1. से, द्वारा
 - ☒ 2. में, से
 - ☒ 3. पर, में
 - ☒ 4. के, से

Q.2 वाक्य क्रम में लिखिए-
में नाटक भी (अ/ही माना गया है (ब/भारतीय साहित्यशास्त्र(स/काव्य के अंतर्गत(द ।

- Ans
- ☒ 1. द ब स अ
 - ☒ 2. स अ द ब
 - ☒ 3. अ ब स द
 - ☒ 4. स ब अ द

Q.3 "पर्वत के नीचे की भूमि " वाक्यांश के लिए उपयुक्त शब्द होगा-

- Ans
- ☒ 1. उपत्यका
 - ☒ 2. भूधर
 - ☒ 3. अप्रमेय
 - ☒ 4. अधित्यका

Q.4 जो मुक्ति प्राप्ति की इच्छा करे _____
उपरोक्त वाक्य खंड के लिए उपयुक्त शब्द चयन कीजिए ।

- Ans
- ☒ 1. चिरस्थायी
 - ☒ 2. पारंगत
 - ☒ 3. वाचाल
 - ☒ 4. मुमुक्षु

Q.5 निम्नलिखित मुहावरे का उचित अर्थ बताएं ।
घोड़े बेचकर सोना ।

- Ans
- ☒ 1. आराम करना ।
 - ☒ 2. समय बर्बाद करना ।
 - ☒ 3. सुख का अनुभव करना ।
 - ☒ 4. बेफिक्र होना ।

Q.6 निम्नलिखित वाक्य को उचित कारक द्वारा पूर्ण करें ।
तुम यहाँ फर्श _____ ऐसे क्यों बैठे हो ।

- Ans
- ☒ 1. पर
 - ☒ 2. आह!
 - ☒ 3. ने
 - ☒ 4. से

Q.7 निम्नलिखित वाक्य को कारक द्वारा पूर्ण करें ।
मैंने रवि _____ खिचड़ी बनाई है ।

- Ans
- ☒ 1. द्वारा
 - ☒ 2. को
 - ☒ 3. से
 - ☒ 4. हेतु

Q.8 निम्नलिखित वाक्य में रेखांकित शब्द के स्थान पर कोई अन्य सही पर्यायवाची शब्द दिए गए विकल्पों में से चुनिए-
वर्षा के अनन्तर एक दो दिन में ही पृथ्वी का पानी अगोचर हो जाता है ।

- Ans
- ☒ 1. अंतर
 - ☒ 2. प्रतीक्षा
 - ☒ 3. अतः
 - ☒ 4. बाद

Q.9	वर्तनी की दृष्टि से दिए गए विकल्पों में से शुद्ध वाक्य का चयन करें-
Ans	 1. भाइयों में आपसी वैमनस्य है ।  2. भाईयों में बैमनस्यता आपस में है ।  3. भाइयो में आपस वेमनस्य है ।  4. भाई - भाई में वेमनस्यत्व भाव है ।
Q.10	निम्नलिखित वाक्य में रेखांकित शब्द के स्थान पर कोई अन्य सही पर्यायवाची शब्द दिए गए विकल्पों में से चुनिए- प्रायश्चित्त से पाप खत्म नहीं होता ।
Ans	 1. निश्चित  2. धूम  3. पछतावा  4. पाप
Q.11	वह बालक _____ बैल है ।
Ans	 1. सब  2. हम  3. गाय  4. निरा
Q.12	निम्नलिखित वाक्य को कारक द्वारा पूर्ण करें । कहीं तुम दीपा _____ यह साड़ी तो नहीं ले रहीं ।
Ans	 1. पर  2. ने  3. के लिए  4. को
Q.13	वर्तनी की दृष्टि से दिए गए वाक्य के किस अंश में त्रुटि है ? अंग्रेज़ों ने औद्योगिक उन्नति-प्रगति का भारत में केवल आडम्बर खड़ा किया था ।
Ans	 1. उन्नति-प्रगति का  2. भारत में केवल  3. आडम्बर खड़ा किया था ।  4. अंग्रेज़ों ने औद्योगिक
Q.14	निम्नलिखित लोकोक्ति का सही अर्थ पहचानें । न सावन सूखा न भादो हरा ।
Ans	 1. सदैव एक सा बना रहना ।  2. सावन के न आने पर पेड़ सुख जाते हैं ।  3. बारिश से हरियाली हो जाती है ।  4. सावन के आने पर सूखा दूर हो जाता है ।
Q.15	निम्नलिखित वाक्यों को उचित क्रम में लिखें । 1 है वह ठीक हो गया है 2 जिस जिस व्यक्ति ने 3 का कोर्स पूरा किया 4 इस बीमारी की दवा
Ans	 1. 2 4 3 1  2. 1 4 2 3  3. 3 1 4 2  4. 2 3 1 4

Comprehension:

दिए गए गद्यांश के आधार पर निम्नलिखित प्रश्नों का उत्तर दीजिए।

आधुनिक साहित्य में वस्तु-स्थिति-चित्रण की प्रवृत्ति इतनी बढ़ रही है कि आज की कहानी यथासम्भव प्रत्यक्ष अनुभवों की सीमा से बाहर नहीं जाती। हमें केवल इतना सोचने से ही संतोष नहीं होता कि मनोविज्ञान की दृष्टि से ये सभी पात्र मनुष्यों से मिले-जुलते हैं, बल्कि हम यह इत्मीनान चाहते हैं कि वे सचमुच मनुष्य हैं और लेखक ने यथासम्भव उनका जीवन-चरित्र ही लिखा है, क्योंकि कल्पना के गढ़े हुए आदमियों में हमारा विश्वास नहीं है, उनके कार्यों और विचारों से हम प्रभावित नहीं होते। हमें इसका निश्चय हो जाना चाहिए कि लेखक ने जो सृष्टि की है, वह प्रत्यक्ष अनुभवों के आधार पर की गई है और अपने पात्रों की ज़बान से वह खुद बोल रहा है। इसीलिए साहित्य को कुछ समालोचकों ने लेखक का मनोवैज्ञानिक जीवन-चरित्र कहा है।

SubQuestion No : 16

Q.16 उपर्युक्त गद्यांश का उचित सारांश निम्न में से क्या होगा?

- Ans
- ☒ 1. साहित्य को आदर्शवादी होना चाहिए
 - ☒ 2. साहित्य को यथार्थवादी होना चाहिए
 - ☒ 3. साहित्य को उपयोगितावादी होना चाहिए
 - ☒ 4. साहित्य को कल्पनाशील होना चाहिए

Comprehension:

दिए गए गद्यांश के आधार पर निम्नलिखित प्रश्नों का उत्तर दीजिए।

आधुनिक साहित्य में वस्तु-स्थिति-चित्रण की प्रवृत्ति इतनी बढ़ रही है कि आज की कहानी यथासम्भव प्रत्यक्ष अनुभवों की सीमा से बाहर नहीं जाती। हमें केवल इतना सोचने से ही संतोष नहीं होता कि मनोविज्ञान की दृष्टि से ये सभी पात्र मनुष्यों से मिले-जुलते हैं, बल्कि हम यह इत्मीनान चाहते हैं कि वे सचमुच मनुष्य हैं और लेखक ने यथासम्भव उनका जीवन-चरित्र ही लिखा है, क्योंकि कल्पना के गढ़े हुए आदमियों में हमारा विश्वास नहीं है, उनके कार्यों और विचारों से हम प्रभावित नहीं होते। हमें इसका निश्चय हो जाना चाहिए कि लेखक ने जो सृष्टि की है, वह प्रत्यक्ष अनुभवों के आधार पर की गई है और अपने पात्रों की ज़बान से वह खुद बोल रहा है। इसीलिए साहित्य को कुछ समालोचकों ने लेखक का मनोवैज्ञानिक जीवन-चरित्र कहा है।

SubQuestion No : 17

Q.17 निम्न में से 'प्रत्यक्ष' का विलोम शब्द क्या है?

- Ans
- ☒ 1. प्रकट
 - ☒ 2. परोक्ष
 - ☒ 3. प्रथम
 - ☒ 4. प्रमुख

Comprehension:

दिए गए गद्यांश के आधार पर निम्नलिखित प्रश्नों का उत्तर दीजिए।

आधुनिक साहित्य में वस्तु-स्थिति-चित्रण की प्रवृत्ति इतनी बढ़ रही है कि आज की कहानी यथासम्भव प्रत्यक्ष अनुभवों की सीमा से बाहर नहीं जाती। हमें केवल इतना सोचने से ही संतोष नहीं होता कि मनोविज्ञान की दृष्टि से ये सभी पात्र मनुष्यों से मिले-जुलते हैं, बल्कि हम यह इत्मीनान चाहते हैं कि वे सचमुच मनुष्य हैं और लेखक ने यथासम्भव उनका जीवन-चरित्र ही लिखा है, क्योंकि कल्पना के गढ़े हुए आदमियों में हमारा विश्वास नहीं है, उनके कार्यों और विचारों से हम प्रभावित नहीं होते। हमें इसका निश्चय हो जाना चाहिए कि लेखक ने जो सृष्टि की है, वह प्रत्यक्ष अनुभवों के आधार पर की गई है और अपने पात्रों की ज़बान से वह खुद बोल रहा है। इसीलिए साहित्य को कुछ समालोचकों ने लेखक का मनोवैज्ञानिक जीवन-चरित्र कहा है।

SubQuestion No : 18

Q.18 प्रस्तुत गद्यांश में किस बात पर अधिक बल दिया गया है?

- Ans
- ☒ 1. साहित्य और विषय वस्तु
 - ☒ 2. साहित्य में यथार्थ
 - ☒ 3. साहित्य में कल्पना
 - ☒ 4. लेखक की रचना प्रक्रिया

Comprehension:

दिए गए गद्यांश के आधार पर निम्नलिखित प्रश्नों का उत्तर दीजिए।

आधुनिक साहित्य में वस्तु-स्थिति-चित्रण की प्रवृत्ति इतनी बढ़ रही है कि आज की कहानी यथासम्भव प्रत्यक्ष अनुभवों की सीमा से बाहर नहीं जाती। हमें केवल इतना सोचने से ही संतोष नहीं होता कि मनोविज्ञान की दृष्टि से ये सभी पात्र मनुष्यों से मिले-जुलते हैं, बल्कि हम यह इत्मीनान चाहते हैं कि वे सचमुच मनुष्य हैं और लेखक ने यथासम्भव उनका जीवन-चरित्र ही लिखा है, क्योंकि कल्पना के गढ़े हुए आदमियों में हमारा विश्वास नहीं है, उनके कार्यों और विचारों से हम प्रभावित नहीं होते। हमें इसका निश्चय हो जाना चाहिए कि लेखक ने जो सृष्टि की है, वह प्रत्यक्ष अनुभवों के आधार पर की गई है और अपने पात्रों की ज़बान से वह खुद बोल रहा है। इसीलिए साहित्य को कुछ समालोचकों ने लेखक का मनोवैज्ञानिक जीवन-चरित्र कहा है।

SubQuestion No : 19

Q.19 निम्न में से मनुष्य का पर्यायवाची क्या नहीं है?

- Ans
- ☒ 1. मर्त्य
 - ☒ 2. नर
 - ☒ 3. जीव
 - ☒ 4. मानव

Comprehension:

दिए गए गद्यांश के आधार पर निम्नलिखित प्रश्नों का उत्तर दीजिए।

आधुनिक साहित्य में वस्तु-स्थिति-चित्रण की प्रवृत्ति इतनी बढ़ रही है कि आज की कहानी यथासम्भव प्रत्यक्ष अनुभवों की सीमा से बाहर नहीं जाती। हमें केवल इतना सोचने से ही संतोष नहीं होता कि मनोविज्ञान की दृष्टि से ये सभी पात्र मनुष्यों से मिले-जुलते हैं, बल्कि हम यह इत्मीनान चाहते हैं कि वे सचमुच मनुष्य हैं और लेखक ने यथासम्भव उनका जीवन-चरित्र ही लिखा है, क्योंकि कल्पना के गढ़े हुए आदमियों में हमारा विश्वास नहीं है, उनके कार्यों और विचारों से हम प्रभावित नहीं होते। हमें इसका निश्चय हो जाना चाहिए कि लेखक ने जो सृष्टि की है, वह प्रत्यक्ष अनुभवों के आधार पर की गई है और अपने पात्रों की ज़बान से वह खुद बोल रहा है। इसीलिए साहित्य को कुछ समालोचकों ने लेखक का मनोवैज्ञानिक जीवन-चरित्र कहा है।

SubQuestion No : 20

Q.20 'मनोविज्ञान' शब्द का क्या अर्थ है?

- Ans
- ☐ 1. मानव का विज्ञान
 - ☐ 2. मानवीय विज्ञान
 - ☐ 3. आत्मा का विज्ञान
 - ☒ 4. मन का विज्ञान

Section : Discipline1

Q.1 What was considered the primary reason for stagnation in Indian agriculture during the British period?

- Ans
- ☐ 1. Technological backwardness
 - ☐ 2. Soil erosion
 - ☒ 3. Exploitative agrarian relations
 - ☐ 4. Lack of irrigation facilities

Q.2 What makes the study of biogeography dynamic in nature?

- Ans
- ☐ 1. Periodic volcanic activities and floods
 - ☐ 2. Seasonal changes in weather patterns
 - ☐ 3. Constant movement of tectonic plates
 - ☒ 4. Continuous changes in inorganic and biotic components, especially due to human impact

Q.3 Which of the following is NOT a direct challenge caused by terrain and topography to agriculture in India?

- Ans
- ☐ 1. Barriers to agricultural mechanisation
 - ☒ 2. Improved soil fertility
 - ☐ 3. Difficulties in tillage
 - ☐ 4. Soil erosion on steep slopes

Q.4 Which of the following is a direct impact of wind on agriculture?

- Ans
- ☒ 1. Dislodging of seed heads and fruits
 - ☐ 2. Enhancement of soil fertility
 - ☐ 3. Reduction of soil moisture loss
 - ☐ 4. Acceleration of pollination

Q.5 Which of the following describes a region with a moisture index between 0 and 20 according to the Thornthwaite's classification?

- Ans
- ☐ 1. Semi-arid
 - ☐ 2. Humid
 - ☒ 3. Moist subhumid
 - ☐ 4. Dry subhumid

Q.6 Detritivores are organisms that:

- Ans
- ☐ 1. create energy through photosynthesis
 - ☐ 2. consume only plants
 - ☐ 3. hunt other animals for food
 - ☒ 4. feed on dead and decaying organic matter

Q.7 Lamarck's theory is also called the theory of:

- Ans**
- ☐ 1. Natural selection
 - ☐ 2. Gene flow
 - ☐ 3. Mutation and selection
 - ☒ 4. Use and disuse of organs

Q.8 Why is balanced fertiliser application often difficult in India?

- Ans**
- ☐ 1. Fertilisers are free of cost.
 - ☒ 2. Soil testing facilities are inadequate.
 - ☐ 3. Crops do not need balanced nutrients.
 - ☐ 4. Indian soils are naturally balanced.

Q.9 Why is the stratosphere considered ideal for flying aircraft?

- Ans**
- ☐ 1. Because it is closer to the Earth's magnetic field
 - ☒ 2. Because it is free from weather disturbances and has stable air movement
 - ☐ 3. Because it has low gravity
 - ☐ 4. Because it contains more oxygen

Q.10 Select the option that is true regarding the following two statements labelled Assertion (A) and Reason (R).

Assertion (A): The empirical approach in agricultural geography focuses on what actually exists on the agricultural landscape.

Reason (R): It emphasises inductive methods and uses field data to create models through observation and generalisation.

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

Q.11 In which atmospheric condition do mid-latitude cyclones typically form?

- Ans**
- ☐ 1. Areas dominated by easterly winds
 - ☐ 2. Regions with little to no temperature contrast
 - ☐ 3. Calm tropical conditions
 - ☒ 4. Areas of strong vertical wind shear

Q.12 What is the percentage by volume of Argon (Ar) in the dry atmosphere?

- Ans**
- ☐ 1. 0.003%
 - ☐ 2. 9.3%
 - ☒ 3. 0.93%
 - ☐ 4. 0.0093%

Q.13 Why are the sub-tropical high-pressure belts referred to as 'horse latitudes'?

- Ans**
- ☒ 1. Because of dry, calm conditions and light variable winds
 - ☐ 2. Due to heavy rainfall and lush vegetation
 - ☐ 3. Due to violent storms in this region
 - ☐ 4. Because they lie close to deserts

Q.14 At what rate does the temperature decrease with altitude in the troposphere?

- Ans**
- ☐ 1. 1°C per 500 m
 - ☒ 2. 1°C per 165 m
 - ☐ 3. 1°C per 100 m
 - ☐ 4. 0.5°C per 165 m

Q.15 Select the option that is correct regarding the following two statements labelled Assertion (A) and Reason (R).

Assertion (A): Sub-polar low-pressure areas are formed mainly due to thermal heating.

Reason (R): The meeting of cold polar easterlies and warm westerlies causes air convergence and upliftment.

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

Q.16 The Warsaw Framework for REDD+, which provides guidelines for REDD+ implementation, was adopted in which Conference of Parties (COP)?

- Ans**
- ☐ 1. COP 15
 - ☒ 2. COP 19
 - ☐ 3. COP 21
 - ☐ 4. COP 13

Q.17 According to Von Thunen's model, which zone is characterised by the highest cropping intensity and no fallow land?

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

Q.18 What was a major contribution of the Green Revolution to Indian agriculture?

- Ans**
- ☒ 1. Adoption of high-yielding varieties and modern machinery
 - ☐ 2. Promotion of terrace farming
 - ☐ 3. Introduction of organic farming
 - ☐ 4. Decline in irrigation use

Q.19 Which of the following surfaces has the highest albedo?

- Ans**
- ☐ 1. Water
 - ☐ 2. Asphalt road
 - ☒ 3. Fresh snow
 - ☐ 4. Clouds

Q.20 Which of the following groups are members of the Kingdom Protista?

- Ans**
- ☒ 1. Euglenoids, Protozoans, Slime-moulds
 - ☐ 2. Algae, Bryophytes, Gymnosperms
 - ☐ 3. Fungi, Lichens, Viruses
 - ☐ 4. Dinoflagellates, Bacteria, Viroids

Section : Discipline2

Q.1 According to the Gravity Model of migration, migration between two places is more likely when it is:

- Ans**
- ☐ 1. independent of distance and population size
 - ☐ 2. directly proportional to the distance and unrelated to population size
 - ☐ 3. inversely proportional to population size
 - ☒ 4. directly proportional to the population size and inversely proportional to distance

Q.2 Which of the following is true about the Aravalli Range?

- Ans**
- ☐ 1. It is the result of recent volcanic activity in Central India.
 - ☐ 2. It is a young fold mountain range formed in the Cenozoic Era.
 - ☐ 3. It was formed due to the collision between the Indian and Eurasian plates during the Himalayan orogeny.
 - ☒ 4. It is one of the oldest fold mountain systems in India formed during the Aravalli-Delhi orogeny.

Q.3 Who is credited with preparing the first world map that showed America as a separate continent?

- Ans**
- ☐ 1. Richard Hakluyt
 - ☐ 2. Gerardus Mercator
 - ☐ 3. Sebastian Munster
 - ☒ 4. Martin Waldseemuller

Q.4 Which of the following is a key flaw in Malthus' assumptions, according to his critics?

- Ans**
- ☒ 1. He failed to recognise technological changes in food production.
 - ☐ 2. He underestimated urban growth.
 - ☐ 3. He believed resources were infinite.
 - ☐ 4. He did not anticipate the impact of changing climate.

Q.5 Economic characteristics of population include:

- Ans**
- ☐ 1. marital status and spoken dialects
 - ☐ 2. age distribution and social group affiliation
 - ☒ 3. labour force engagement and occupational classification
 - ☐ 4. religious denomination and cultural identity

Q.6 Which Indian state first receives the summer monsoon rainfall?

- Ans**
- ☒ 1. Kerala
 - ☐ 2. Goa
 - ☐ 3. Maharashtra
 - ☐ 4. Tamil Nadu

Q.7 Select the option that is correct regarding the following two statements labelled Assertion (A) and Reason (R).

Assertion (A): The Southwest Monsoon winds in India originate from the southeast trade winds of the Southern Hemisphere.

Reason (R): The Southwest Monsoon brings rainfall to the Coromandel Coast in early October.

- Ans**
- ☐ 1. Both A and R are true, and R is the correct explanation of A.
 - ☒ 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. A is false, but R is true.

Q.8 What does the radical approach in geography emphasise?

- Ans**
- ☐ 1. Social determinism
 - ☐ 2. Neutral, value-free inquiry
 - ☐ 3. Environmental determinism
 - ☒ 4. Theory of labour value and social justice

Q.9 What does the study of spatial organisation in geography primarily focus on?

- Ans**
- ☒ 1. The pattern and process of geographical phenomena
 - ☐ 2. The biological processes in ecosystems
 - ☐ 3. The historical evolution of civilisations
 - ☐ 4. The economic development of regions

Q.10 How does mulching help in soil conservation?

- Ans**
- ☐ 1. By exposing soil to sunlight
 - ☐ 2. By reducing moisture and erosion
 - ☐ 3. By increasing tillage frequency
 - ☒ 4. By conserving moisture and regulating temperature

Q.11 Read the given Assertion (A) and Reason (R) carefully and select the correct option.

Assertion (A): Spatial organisation seeks to understand patterns and processes of phenomena distributed on the earth's surface.

Reason (R): The concept of spatial organisation only focuses on regional uniqueness and not on interconnections between regions.

- Ans**
- ☐ 1. Both A and R are true, but R is not the correct explanation of A.
 - ☐ 2. A is false, but R is true.
 - ☐ 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 surveys provide important population data NOT typically captured by the Census or vital registration systems?

- Ans**
- ☐ 1. Environmental Impact Assessments, Forest Surveys, and Wildlife Census
 - ☒ 2. National Sample Surveys, National Family Health Surveys, and District Level Household Survey
 - ☐ 3. Geological Survey of India, Economic Survey, and Remote Sensing Survey
 - ☐ 4. Indian Meteorological Survey, Agricultural Census, and Soil Health Survey

Q.13 When was the National Sample Survey (NSS) established by the Government of India?

- Ans**
- ☐ 1. 1961
 - ☐ 2. 1956
 - ☐ 3. 1948
 - ☒ 4. 1950

Q.14 During the Classical period, which of the following regions became the centre of scientific advancement?

- Ans**
- ☒ 1. Greece
 - ☐ 2. Egypt
 - ☐ 3. Rome
 - ☐ 4. Persia

Q.15 Which landform is created at the mouth of a river due to deposition of sediments?

- Ans**
- ☐ 1. Plateau
 - ☐ 2. Peninsula
 - ☐ 3. Cliff
 - ☒ 4. Delta

Q.16 Select the option that is correct regarding the following two statements labelled Assertion (A) and Reason (R).

Assertion (A): The 1987 drought in India is believed to have been caused by El-Niño.

Reason (R): El-Niño increases the surface temperature of tropical Pacific waters, affecting global wind and pressure systems including the Indian monsoon.

- 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.17 Which of the following best describes the historical approach in geomorphology?

- Ans**
- ☐ 1. Focuses on the role of climate in shaping modern landforms
 - ☒ 2. Studies the historical evolution and development of landforms over time
 - ☐ 3. Emphasises the sequence of processes independent of time
 - ☐ 4. Analyses only human-induced changes in the landscape

Q.18 Who among the following proposed the concept of Neo-Determinism?

- Ans**
- ☒ 1. Griffith Taylor
 - ☐ 2. Vidal de la Blache
 - ☐ 3. Ellen Churchill Semple
 - ☐ 4. Friedrich Ratzel

Q.19 Ravenstein's concept of a counter-stream refers to:

- Ans**
- ☒ 1. reverse migration back to the origin
 - ☐ 2. seasonal migration
 - ☐ 3. migration due to wars
 - ☐ 4. migration only in one direction

Q.20 Kant's transcendental idealism was developed to reconcile which two contrasting views about the source of human knowledge?

- Ans**
- ☐ 1. Idealism and Sophism
 - ☒ 2. Rationalism and Empiricism
 - ☐ 3. Scholasticism and Relativism
 - ☐ 4. Empiricism and Skepticism

Section : **Discipline3**

Q.1 According to Kant, which of the following best describes the distinction between anthropology and physical geography?

- Ans**
- ☐ 1. Anthropology studies only human history, while physical geography studies climate.
 - ☐ 2. Both anthropology and physical geography study the same aspects of human life.
 - ☐ 3. Anthropology is concerned with economic systems, physical geography with political boundaries.
 - ☒ 4. Anthropology deals with the inner senses, and physical geography deals with outer senses.

Q.2 What is a mudflow?

- Ans**
- ☐ 1. A flow of molten lava from a volcano
 - ☐ 2. A slow movement of dry soil downslope
 - ☐ 3. A mass of dry rocks rolling down a hill
 - ☒ 4. A liquid mass of soil, rock debris, and water moving swiftly

Q.3 Which mountain range in the Lesser Himalayas is located in Himachal Pradesh?

- Ans**
- ☐ 1. Nag Tiba Range
 - ☐ 2. Mahabharat Lekh
 - ☒ 3. Dhauladhar Range
 - ☐ 4. Pir Panjal Range

Q.4 What are 'Chos' in the context of the Shiwalik Hills region?

- Ans**
- ☐ 1. Sacred groves found in tribal areas
 - ☐ 2. Glacial landforms found in high Himalayas
 - ☐ 3. Man-made canals used for irrigation
 - ☒ 4. Seasonal streams that erode the southern slopes of the Shiwalik Hills

Q.5 The idea that regions are defined by the unique combination of interrelated phenomena is central to:

- Ans**
- ☐ 1. spatial analysis
 - ☒ 2. areal differentiation
 - ☐ 3. environmental determinism
 - ☐ 4. behavioural geography

Q.6 Which of the following best describes the focus of Spatial Epidemiology within Medical Geography?

- Ans**
- ☐ 1. Study of healthcare systems and their accessibility
 - ☐ 2. Investigation of medical history and its geographic context
 - ☒ 3. Mapping disease patterns to understand their spatial distribution
 - ☐ 4. Analysis of climatic influences on disease

Q.7 According to Charles Darwin, how does evolution occur?

- Ans**
- ☒ 1. Slowly and gradually over a very long period of time
 - ☐ 2. Rapidly and in short time spans
 - ☐ 3. By external intervention and artificial selection
 - ☐ 4. Through sudden appearance of new species

Q.8 Auguste Comte's book 'The Course of Positive Philosophy' primarily emphasised:

- Ans**
- ☒ 1. positivist philosophy based on scientific principles
 - ☐ 2. existentialism
 - ☐ 3. Marxist historical materialism
 - ☐ 4. humanistic approach

Q.9 Who is the author of the book 'Description Regni Laponiae et Siam'?

- Ans**
- ☐ 1. Cluverius
 - ☐ 2. Alexander von Humboldt
 - ☐ 3. Ptolemy
 - ☒ 4. Bernhardus Varenius

Q.10 Which of the following best illustrates the application of geomorphological understanding in managing groundwater resources in limestone terrains?

- Ans**
- ☒ 1. Assessing the permeability of rocks based on tectonic and sedimentary features
 - ☐ 2. Estimating rainfall using satellite data
 - ☐ 3. Identifying surface water bodies for irrigation
 - ☐ 4. Designing dams in basaltic regions

Q.11 Which of the following statements best describes a caldera?

- Ans**
- ☒ 1. A large volcanic depression formed by a collapse after a massive eruption
 - ☐ 2. A cone-shaped volcanic hill formed by lava flow
 - ☐ 3. A lake formed in a glacial trough due to melting ice
 - ☐ 4. A fault line formed by subduction of oceanic plates

Q.12 In the behavioural approach, what is meant by 'cognitive environment'?

- Ans**
- ☐ 1. The environmental factors affecting climate
 - ☐ 2. The geographical terrain influencing human settlement
 - ☒ 3. The mental map or perception influencing decisions
 - ☐ 4. The economic forces behind population growth

Q.13 The journal 'Antipode' is associated with which geographical perspective?

- Ans**
- ☒ 1. Radical geography
 - ☐ 2. Deterministic geography
 - ☐ 3. Behavioural geography
 - ☐ 4. Quantitative geography

Q.14 Behaviouralism in human geography emerged as a reaction to which of the following approaches?

- Ans**
- ☐ 1. Regional geography
 - ☐ 2. Environmental determinism
 - ☒ 3. Positivism
 - ☐ 4. Cultural ecology

Q.15 The Economic Deterministic Approach emphasises:

- Ans**
- ☐ 1. climate as the only determining factor in development
 - ☐ 2. cultural beliefs as central to geographical behaviour
 - ☐ 3. human dependence on natural cycles and traditions
 - ☒ 4. economy as the primary driver of human-environment interaction

Q.16 Select the option that is correct regarding the following two statements labelled Assertion (A) and Reason (R).

Assertion (A): Systematic geography developed from the idea of spatial synthesis and organisation.

Reason (R): Systematic geography relies exclusively on physical geographic elements.

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

Q.17 The existentialist notion of 'existence before essence' implies which of the following?

- Ans**
- ☐ 1. Human actions are determined by environmental factors.
 - ☐ 2. Humans are born with predetermined roles in society.
 - ☐ 3. The universe has a defined purpose that humans must follow.
 - ☒ 4. People define themselves through choices and actions after they exist.

Q.18 Select the option that is correct regarding the following two statements labelled Assertion (A) and Reason (R).

Assertion (A): Behavioural geography focuses on how people perceive and respond to their environment.

Reason (R): Behaviouralism in geography aims to explain spatial behaviour through psychological processes such as perception and cognition.

- Ans**
- ☒ 1. Both A and R are true, and R is the correct explanation of A.
 - ☐ 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. A is false, but R is true.

Q.19 Who is regarded as the 'father of exceptionalism' in geography?

- Ans**
- ☐ 1. Richard Hartshorne
 - ☒ 2. Immanuel Kant
 - ☐ 3. Carl Ritter
 - ☐ 4. Vidal de la Blache

Q.20 The process of abrasion caused by wind is also commonly referred to as:

- Ans**
- ☐ 1. Plucking
 - ☒ 2. Sandblasting
 - ☐ 3. Mass wasting
 - ☐ 4. Sheet erosion

Section : **Discipline4**

Q.1 Which SDG focuses on eradicating poverty in all its forms everywhere?

- Ans**
- ☐ 1. SDG 4
 - ☒ 2. SDG 1
 - ☐ 3. SDG 2
 - ☐ 4. SDG 3

Q.2 What is the term for a drainage pattern that was developed on a now-eroded surface and is incised into underlying rocks of a different structure?

- Ans**
- ☐ 1. Antecedent drainage
 - ☐ 2. Dendritic drainage
 - ☒ 3. Superimposed drainage
 - ☐ 4. Multibasinal drainage

Q.3	Which type of settlement is found in remote forested or hilly regions?
Ans	 1. Compact  2. Hamlet  3. Dispersed  4. Semi-clustered
Q.4	Under which atmospheric condition does sleet typically occur?
Ans	 1. During a dry cold front passage  2. When all air layers are below freezing  3. When a warm layer overlies a subfreezing layer near the surface  4. In a completely warm air column
Q.5	According to the collision and coalescence process, precipitation occurs when water droplets:
Ans	 1. collide and merge to form larger droplets  2. evaporate and form ice crystals  3. fall due to strong downward wind currents  4. freeze immediately upon condensation
Q.6	Which of the following is NOT one of the three core elements of food security?
Ans	 1. Food access  2. Food availability  3. Food marketing  4. Food utilisation
Q.7	The Trellis drainage pattern is commonly found in landscapes where:
Ans	 1. only soft sedimentary rocks are present  2. hard crystalline rocks dominate the landscape  3. the underlying structure consists of alternating bands of hard and soft rocks  4. the region is flat with no structural control
Q.8	How many specific targets are included under the 17 Sustainable Development Goals?
Ans	 1. 178  2. 102  3. 169  4. 149
Q.9	What does a high Biological Oxygen Demand (BOD) value indicate when assessing the quality of water in a water body?
Ans	 1. The water is safe for drinking purposes.  2. The water contains fewer dissolved nutrients.  3. The water is heavily polluted with organic waste.  4. The water has high levels of chemical waste.
Q.10	In which type of basin is the iso-hyetal method typically applied?
Ans	 1. Basins larger than 5000 km²  2. Urban catchments  3. Small basins less than 500 km²  4. Regions with no rainfall stations
Q.11	In which year was the Micro, Small and Medium Enterprises Development (MSMED) Act enacted in India?
Ans	 1. 2006  2. 1999  3. 2001  4. 2013

Q.12 As per Census 2011, what percentage of India's urban population lives in slums?

- Ans**
- ☐ 1. 10%
 - ☐ 2. 30%
 - ☐ 3. 25%
 - ☒ 4. 17%

Q.13 Which of the following is NOT typically associated with household industries?

- Ans**
- ☒ 1. Automobile
 - ☐ 2. Leather products
 - ☐ 3. Bamboo crafts
 - ☐ 4. Pottery and bricks

Q.14 The Silicon Valley near San Francisco is an example of which of the following?

- Ans**
- ☐ 1. Traditional manufacturing hub
 - ☒ 2. Technopolis
 - ☐ 3. Agro-based industry
 - ☐ 4. Textile industry

Q.15 What is an Urban Heat Island (UHI)?

- Ans**
- ☐ 1. A densely populated part of city
 - ☐ 2. An urban area with high air pollution
 - ☒ 3. A significantly warmer urban area due to human activities
 - ☐ 4. A desertification zone in cities

Q.16 Which of the following pairs correctly represents the regional names of shifting cultivation and their corresponding locations?

- Ans**
- ☐ 1. Jhum – South India; Milpa – Southeast Asia; Ladang – Japan
 - ☐ 2. Jhum – Central America; Milpa – Northeast India; Ladang – Africa
 - ☐ 3. Jhum – Indonesia; Milpa – Africa; Ladang – South America
 - ☒ 4. Jhum – Northeast India; Milpa – Central America; Ladang – Indonesia and Malaysia

Q.17 A 'Good' AQI value typically lies in which range?

- Ans**
- ☐ 1. 101–200
 - ☐ 2. 201–300
 - ☐ 3. 51–100
 - ☒ 4. 0–50

Q.18 What does the term social capital primarily refer to in the context of social well-being?

- Ans**
- ☐ 1. Level of industrial development in a region
 - ☒ 2. Strength of social networks and relationships
 - ☐ 3. Value of natural resources in a society
 - ☐ 4. Economic investments made by the government

Q.19 What does relative humidity refer to?

- Ans**
- ☐ 1. The total amount of moisture present in the air at all times
 - ☒ 2. The percentage of moisture in the air compared to its maximum capacity at a given temperature
 - ☐ 3. The difference between dew point temperature and actual temperature
 - ☐ 4. The actual volume of water vapour in the atmosphere

Q.20 Which of the following is NOT a stated objective of the National Food Security Mission (NFSM)?

- Ans**
- ☐ 1. Restoring soil fertility and improving farm-level economy
 - ☐ 2. Enhancing productivity of rice, wheat, and pulses
 - ☐ 3. Reducing dependency on edible oil imports
 - ☒ 4. Promoting exports of edible oils to boost farm income

Q.1 What was the main focus of the areal differentiation approach in human geography?

- Ans**
- ☒ 1. Studying only economic patterns in space
 - ☒ 2. Identifying the uniqueness of regions and understanding differences between them
 - ☒ 3. Application of laws of physics and statistical techniques
 - ☒ 4. Classifying the Earth's surface based on climate types

Q.2 What is the approximate east-west extent of India?

- Ans**
- ☒ 1. 3,450 km
 - ☒ 2. 2,933 km
 - ☒ 3. 2,000 km
 - ☒ 4. 2,255 km

Q.3 What is the southernmost point of the Indian mainland called?

- Ans**
- ☒ 1. Indira Point
 - ☒ 2. Minicoy
 - ☒ 3. Indira Col
 - ☒ 4. Cape Comorin

Q.4 Who advocated the Idealist Approach in geography as a critique of positivism?

- Ans**
- ☒ 1. Leonard Guelke
 - ☒ 2. Richard Hartshorne
 - ☒ 3. Carl Ritter
 - ☒ 4. David Harvey

Q.5 How many hours ahead is Indian Standard Time (IST) compared to Greenwich Mean Time (GMT)?

- Ans**
- ☒ 1. 6 hours 30 minutes
 - ☒ 2. 5 hours
 - ☒ 3. 4 hours
 - ☒ 4. 5 hours 30 minutes

Q.6 Which environmental determinist emphasised climate change as the main reason for the collapse of civilisations, such as the Indus Valley and Mesopotamia?

- Ans**
- ☒ 1. Chisholm
 - ☒ 2. Huntington
 - ☒ 3. Bowman
 - ☒ 4. Mackinder

Q.7 According to Wegener, how were the Rocky and Andes Mountains formed?

- Ans**
- ☒ 1. Due to upwelling of magma from the mantle
 - ☒ 2. Due to crumpling of continental edges during westward drift of Americas
 - ☒ 3. Due to collision of oceanic plates with Eurasia
 - ☒ 4. Due to volcanic eruptions at plate boundaries

Q.8 As per the Ancient Monuments and Archaeological Sites and Remains Act, which of the following are protected under the law?

- Ans**
- ☒ 1. Only monuments and forts
 - ☒ 2. Only archaeological sites and excavation reports
 - ☒ 3. Heritage sites, monuments, archaeological sites, and sculptures
 - ☒ 4. Only religious buildings

Q.9 The rectangular pattern of rural settlements is commonly found in:

- Ans**
- ☐ 1. hilly areas
 - ☐ 2. desert regions
 - ☐ 3. coastal regions
 - ☒ 4. plains

Q.10 Why is the Standard Meridian of India (82°30'E) considered for the whole country's time?

- Ans**
1. It helps maintain uniform time across the country.
 2. It experiences the earliest sunrise in the country.
 3. It reduces the influence of latitudinal differences.
 4. It lies exactly in the centre of India.

Note: For this question, discrepancy is found in question/answer. So, This question is ignored for all candidates.

Q.11 The behavioural approach encourages the use of which of the following in research?

- Ans**
- ☐ 1. Aggregated demographic data
 - ☐ 2. Only mathematical modeling
 - ☐ 3. Historical data
 - ☒ 4. Individual-level primary data

Q.12 What geological feature is commonly formed when an oceanic plate subducts beneath a continental plate?

- Ans**
1. Fold mountains
 2. Rift valley
 3. Deep-sea trench
 4. Mid-ocean ridge

Note: For this question, discrepancy is found in question/answer. So, This question is ignored for all candidates.

Q.13 Which of the following statements aligns with post-modernism in geography?

- Ans**
- ☐ 1. The same economic model can explain development in all regions.
 - ☒ 2. Each local context must be understood on its own terms.
 - ☐ 3. Universal laws of spatial behaviour are always valid.
 - ☐ 4. Theories should apply uniformly to all cultures.

Q.14 Which mountain's summit is the farthest point from the Earth's centre?

- Ans**
- ☒ 1. Chimborazo
 - ☐ 2. Mount Everest
 - ☐ 3. Mauna Kea
 - ☐ 4. K2

Q.15 Which city was the first in the world to be classified as a megacity in 1950?

- Ans**
- ☐ 1. Shanghai
 - ☐ 2. Tokyo
 - ☐ 3. London
 - ☒ 4. New York

Q.16 Jean Brunhes is associated with which geographical philosophy?

- Ans**
- ☐ 1. Environmental determinism
 - ☐ 2. Regionalism
 - ☒ 3. Possibilism
 - ☐ 4. Neo-determinism

Q.17 The integration of sociology and demography to analyse spatial variations in population structures is studied under:

- Ans**
-  1. Political Geography
 -  2. Population Geography
 -  3. Cultural Geography
 -  4. Economic Geography

Q.18 Dholavira, a Harappan City recognized as a UNESCO World Heritage Site in 2021, is located in which Indian state?

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

Q.19 What is the primary reason for the formation of the 'Ring of Fire' around the Pacific Ocean?

- Ans**
-  1. Continent-continent plate convergence
 -  2. Subduction of oceanic plates beneath continental and oceanic plates
 -  3. Presence of large coral reefs
 -  4. Continuous deposition of sediments

Q.20 Who among the following first attempted the functional classification of Class I Indian cities using the Location Quotient method?

- Ans**
-  1. G S Ghurye
 -  2. R L Singh
 -  3. Qazi Ahmad
 -  4. Amrit Lal

Section : **Discipline6**

Q.1 Which of the following is an example of a large flood basalt province?

- Ans**
-  1. Western Ghats
 -  2. Aravalli Range
 -  3. Chotanagpur plateau
 -  4. Deccan Traps

Q.2 Which of the following is a strategy to enhance carbon sequestration and stabilise the climate?

- Ans**
-  1. Promoting monoculture farming
 -  2. Increasing plastic production
 -  3. Reforestation and sustainable land use
 -  4. Expanding fossil fuel subsidies

Q.3 Select the option that is true regarding the following two statements labelled Assertion (A) and Reason (R).

Assertion (A): The Tethys Sea was formed as a narrow, shallow sea between two drifting landmasses.

Reason (R): The sea floor of the Tethys was a zone of intense volcanic activity.

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

Q.4 Which of the following rock types can turn into metamorphic rocks?

- Ans**
- ☒ 1. Both sedimentary and igneous rocks
 - ☐ 2. Only igneous rocks
 - ☐ 3. Only intrusive rocks
 - ☐ 4. Only sedimentary rocks

Q.5 A map has a scale of 1:50,000. What does 2 cm on the map represent on the ground?

- Ans**
- ☒ 1. 1 km
 - ☐ 2. 100 km
 - ☐ 3. 2 km
 - ☐ 4. 10 km

Q.6 Sedimentary rocks are primarily formed through which process?

- Ans**
- ☐ 1. Crystallisation
 - ☐ 2. Metamorphism
 - ☐ 3. Sublimation
 - ☒ 4. Lithification

Q.7 What is the core idea of environmental determinism?

- Ans**
- ☐ 1. Humans can completely control their environment.
 - ☐ 2. Human actions are shaped entirely by culture and tradition.
 - ☒ 3. The natural environment determines human behaviour and development.
 - ☐ 4. Technology alone defines human development.

Q.8 According to neo-determinism, when must human activities be stopped?

- Ans**
- ☐ 1. When they are not beneficial to the economy
 - ☒ 2. When they cause long-term environmental damage
 - ☐ 3. When they conflict with political will
 - ☐ 4. When they are too expensive

Q.9 What kind of map is especially useful during wartime strategy?

- Ans**
- ☐ 1. Climate map
 - ☐ 2. Trade map
 - ☐ 3. Population map
 - ☒ 4. Relief map

Q.10 Which of the following is an example of a transform fault?

- Ans**
- ☐ 1. East African Rift
 - ☐ 2. Andes Mountains
 - ☐ 3. Mariana Trench
 - ☒ 4. San Andreas Fault

Q.11 Epeirogenic movements are associated with:

- Ans**
- ☐ 1. Volcanic eruptions
 - ☒ 2. Vertical upliftment and subsidence of continental masses
 - ☐ 3. Folding and faulting
 - ☐ 4. Horizontal compressional forces

Q.12 Which human activity has significantly disrupted the natural nitrogen cycle?

- Ans**
- ☐ 1. Mining of phosphate rocks
 - ☒ 2. Use of nitrogen-based fertilizers in agriculture
 - ☐ 3. Construction of dams
 - ☐ 4. By conserving wetland areas

Q.13 What is soil creep?

- Ans**
-  1. Fast movement of soil on slopes
 -  2. Fast downslope movement of water-saturated soil
 -  3. Very slow movement of soil on slopes
 -  4. Gradual downslope movement of water-saturated soil

Q.14 Acidic igneous rocks are rich in which mineral?

- Ans**
-  1. Magnesia
 -  2. Potassium
 -  3. Silica
 -  4. Iron

Q.15 Which direction is considered the base direction in mapping?

- Ans**
-  1. South
 -  2. North
 -  3. East
 -  4. West

Q.16 What happens when two continental plates collide at a convergent boundary?

- Ans**
-  1. Large mountain ranges are formed.
 -  2. A rift valley forms.
 -  3. One plate is destroyed in the mantle.
 -  4. New oceanic crust is created.

Q.17 Who is considered a key advocate of the ecological approach in geography?

- Ans**
-  1. Carl Sauer
 -  2. Vidal de la Blache
 -  3. Alexander von Humboldt
 -  4. CC Park

Q.18 According to evidence of the theory of continental drift, the source rock for the gold deposits found on the Ghanaian coast is located on the:

- Ans**
-  1. Indian Peninsula
 -  2. Brazilian coast
 -  3. Congo Basin
 -  4. Canadian Shield

Q.19 In eluviation, material is transported:

- Ans**
-  1. horizontally within the same soil layer
 -  2. upwards towards the surface
 -  3. by wind from one soil layer to another
 -  4. downward from upper to lower soil horizons

Q.20 How do maps help international tourists who don't speak the local language?

- Ans**
-  1. By showing visual directions to destinations
 -  2. By displaying real-time traffic updates
 -  3. By offering free translation services
 -  4. By converting currency

Q.1 In the Southern Hemisphere, when does the winter solstice occur?

- Ans**
1. 1 June
 2. 20 March
 3. 22 September
 4. 21 December

Note: For this question, discrepancy is found in question/answer. So, This question is ignored for all candidates.

Q.2 According to the Big Bang Theory, which elements were formed first in the early universe?

- Ans**
- ☒ 1. Hydrogen, helium and traces of lithium
 - ☐ 2. Carbon and nitrogen
 - ☐ 3. Oxygen and iron
 - ☐ 4. Nickel and uranium

Q.3 In a topographic map, which of the following features is typically represented using a green symbol?

- Ans**
- ☐ 1. Roads and transportation networks
 - ☐ 2. Agricultural fields and settlements
 - ☐ 3. Water bodies and marshlands
 - ☒ 4. Wooded and forested areas, orchards and scrubs

Q.4 In which year did the devastating Bhuj earthquake occur?

- Ans**
- ☐ 1. 1985
 - ☒ 2. 2001
 - ☐ 3. 2003
 - ☐ 4. 2005

Q.5 How many time zones do Canada and the USA have?

- Ans**
1. Three
 2. Four
 3. Six
 4. Five

Note: For this question, discrepancy is found in question/answer. So, This question is ignored for all candidates.

Q.6 What is the main objective of the response phase of disaster management?

- Ans**
- ☐ 1. Creating hazard vulnerability maps
 - ☐ 2. Building back better infrastructure
 - ☒ 3. Saving lives and reducing economic losses
 - ☐ 4. Developing awareness campaigns

Q.7 What is the 'circle of illumination'?

- Ans**
- ☐ 1. The path of Earth's revolution
 - ☒ 2. The boundary between the day and night sides of Earth
 - ☐ 3. The line dividing the Earth into two hemispheres
 - ☐ 4. The axis of the Earth

Q.8 Which of the following correctly explains why the Northern Hemisphere experiences summer during the summer solstice?

- Ans**
- ☐ 1. The equator is directly facing the Sun
 - ☐ 2. The Tropic of Capricorn receives vertical rays
 - ☐ 3. Earth is closer to the Sun during this period
 - ☒ 4. The Northern Hemisphere is tilted towards the Sun

Q.9 Where is the Kuiper Belt located in the solar system?

- Ans**
- ☐ 1. Between Mars and Jupiter
 - ☐ 2. Between Earth and Venus
 - ☒ 3. Beyond the orbit of Neptune
 - ☐ 4. Beyond the orbit of Jupiter

Q.10 According to Wegener's theory, what was primarily responsible for the westward movement of the continents?

- Ans**
- ☐ 1. Heat flow from mid-oceanic ridges
 - ☒ 2. Tidal forces exerted by the sun and the moon
 - ☐ 3. Equatorward gravitational pull due to Earth's ellipsoidal shape
 - ☐ 4. Frictional drag of ocean currents

Q.11 What is the tenure of the National Disaster Management Authority (NDMA) members?

- Ans**
- ☒ 1. 5 years
 - ☐ 2. 6 years
 - ☐ 3. 4 years
 - ☐ 4. 3 years

Q.12 Which of the following discontinuities separates the upper mantle from the lower mantle?

- Ans**
- ☐ 1. Conrad Discontinuity
 - ☐ 2. Gutenberg Discontinuity
 - ☐ 3. Mohorovicic Discontinuity
 - ☒ 4. Repetti Discontinuity

Q.13 Which states in Western India face recurring droughts, leading to water scarcity and agricultural distress?

- Ans**
- ☒ 1. Gujarat and Rajasthan
 - ☐ 2. Goa and Maharashtra
 - ☐ 3. Punjab and Haryana
 - ☐ 4. Kerala and Karnataka

Q.14 Determine the local time of Thimpu (Bhutan) located at 90° east longitude when the time at Greenwich (0°) is 12:00 noon.

- Ans**
- ☐ 1. 6:00 A.M.
 - ☐ 2. 8:00 A.M.
 - ☒ 3. 6:00 P.M.
 - ☐ 4. 8:00 P.M.

Q.15 When was the Disaster Management Act passed by the Indian Parliament to establish the legal framework for disaster management in the country?

- Ans**
- ☐ 1. 2002
 - ☐ 2. 2015
 - ☐ 3. 2012
 - ☒ 4. 2005

Q.16 Which seismic hazard is most commonly associated with transform faults?

- Ans**
- ☐ 1. Tsunamis from oceanic trench formation
 - ☐ 2. Landslides due to uplift
 - ☒ 3. Earthquakes due to sudden horizontal displacement
 - ☐ 4. Volcanic eruptions

Q.17 The area between the Tropic of Cancer and the Tropic of Capricorn is known as the:

- Ans**
1. Tropic Zone
 2. Torrid Zone
 3. Temperate Zone
 4. Frigid Zone

Note: For this question, discrepancy is found in question/answer. So, This question is ignored for all candidates.

Q.18 The Andaman and Nicobar Islands are seismically active due to:

- Ans**
1. seafloor displacement and underwater volcanoes
 2. the collision of the Indian Plate with the Arabian Plate
 3. heavy deforestation and soil erosion
 4. the collision of the Indian Plate with the Philippine sea Plate

Note: For this question, discrepancy is found in question/answer. So, This question is ignored for all candidates.

Q.19 What is the approximate rotational speed of the Earth at the equator?

- Ans**
-  1. 800 km/hr
 -  2. 2320 km/hr
 -  3. 1030 km/hr
 -  4. 1670 km/hr

Q.20 Which of the following best describes the Steady State Theory of the universe?

- Ans**
-  1. Matter is continuously created to maintain a constant density in an expanding universe.
 -  2. The universe undergoes cyclic periods of expansion and contraction.
 -  3. The universe is contracting and will eventually collapse into a singularity.
 -  4. The universe is static and has existed eternally without change.

Section : **Discipline8**

Q.1 What was the population growth rate of India during the decade 2001-2011?

- Ans**
-  1. 15.3%
 -  2. 17.7%
 -  3. 19.2%
 -  4. 21.5%

Q.2 Which year is considered a 'Demographic Divide' in the population study of India?

- Ans**
-  1. 1911
 -  2. 1921
 -  3. 1951
 -  4. 1953

Q.3 The Ravi River originates from:

- Ans**
1. Rohtang Pass in Himachal Pradesh
 2. Bara Bhangal region of Kangra district
 3. Valley near Manali town
 4. Beas Kund in the Himalayas

Note: For this question, discrepancy is found in question/answer. So, This question is ignored for all candidates.

Q.4 Which of the following statements best reflects the Global Scope of political geography?

- Ans**
-  1. The scope of political geography is limited to regional events.
 -  2. Political systems today are mostly disconnected from one another.
 -  3. Political participation is increasingly national and international in nature.
 -  4. People in remote areas remain unaffected by global politics.

Q.5 What is the northern part of the eastern coastal plain of India called?

- Ans**
- ☒ 1. Malabar Coast
 - ☒ 2. Northern Circar
 - ☒ 3. Coromandel Coast
 - ☒ 4. Konkan Coast

Q.6 When did the Big Bang event take place, approximately, according to the Big Bang Theory?

- Ans**
- ☒ 1. 13.7 billion years ago
 - ☒ 2. 10 billion years ago
 - ☒ 3. 4.6 billion years ago
 - ☒ 4. 100 million years ago

Q.7 According to the World Migration Report (2024), which of the following is NOT one of the top countries receiving Indian migrants?

- Ans**
- ☒ 1. UAE
 - ☒ 2. United Kingdom
 - ☒ 3. Saudi Arabia
 - ☒ 4. USA

Q.8 One of the main goals of nationalisation is to:

- Ans**
- ☒ 1. foster emotional commitment to the homeland
 - ☒ 2. promote global unity
 - ☒ 3. erase local identities
 - ☒ 4. encourage foreign investment

Q.9 Which rivers are bounded by the Punjab Himalayas?

- Ans**
- ☒ 1. Kali and Tista
 - ☒ 2. Satlej and Kali
 - ☒ 3. Ganga and Yamuna
 - ☒ 4. Indus and Satlej

Q.10 What is the main function of GIS software in data storage and management?

- Ans**
- ☒ 1. Drawing artistic maps
 - ☒ 2. Sending GPS signals to satellites
 - ☒ 3. Organising location, topology, and attribute data
 - ☒ 4. Converting images to sound

Q.11 Which of the following best illustrates the interdisciplinary nature of political geography?

- Ans**
- ☒ 1. Use of regional dialects in local governance
 - ☒ 2. Study of mountain formation
 - ☒ 3. Study of international football tournaments
 - ☒ 4. Influence of economic transitions and multinational corporations on political activities

Q.12 Which region is located just south of the Bhabar belt and is characterised by marshy and swampy conditions?

- Ans**
- ☒ 1. Bhangar
 - ☒ 2. Terai
 - ☒ 3. Doab
 - ☒ 4. Khadar

Q.13 What is a 'Horst' in geomorphology?

- Ans**
- ☒ 1. A valley formed due to faulting
 - ☒ 2. An upstanding block bounded by two normal faults
 - ☒ 3. A mountain formed by volcanic eruption
 - ☒ 4. A down-dropped block between two faults

Q.14 In Malthusian theory, the term positive checks refers to:

- Ans**
- ☐ 1. moral restraints on population
 - ☐ 2. technological advancements
 - ☐ 3. incentives for large families
 - ☒ 4. measures like war, famine and disease

Q.15 What is a key difference between the INTERSECT and CLIP operations in GIS?

- Ans**
- ☐ 1. INTERSECT can be used without an analysis layer.
 - ☐ 2. CLIP works only when both input and analysis layers are raster data.
 - ☒ 3. INTERSECT keeps only the overlapping features between input and analysis layers.
 - ☐ 4. INTERSECT always keeps the entire input layer unchanged.

Q.16 Trellis drainage develops in which type of topography?

- Ans**
- ☐ 1. Gently sloping terrain with parallel drainage
 - ☐ 2. Dissected plateaus with steep slopes
 - ☐ 3. Volcanic plateaus with radial drainage
 - ☒ 4. Folded topography with alternating hard and soft rocks

Q.17 During which era did oceans and continents begin to form?

- Ans**
- 1. Cambrian
 - 2. Archaean
 - 3. Jurassic
 - 4. Proterozoic

Note: For this question, discrepancy is found in question/answer. So, This question is ignored for all candidates.

Q.18 A nation-state is best defined as:

- Ans**
- ☒ 1. a sovereign state with clear territorial boundaries, governed on behalf of a population
 - ☐ 2. a state governed by international organizations
 - ☐ 3. a state ruled by multiple nations without a defined boundary
 - ☐ 4. a kingdom with hereditary rule over multiple territories

Q.19 Bhore Ghat and Thal Ghat are located in which mountain range?

- Ans**
- ☒ 1. Western Ghats
 - ☐ 2. Eastern Ghats
 - ☐ 3. Vindhyas
 - ☐ 4. Aravallis

Q.20 Which of the following countries can be considered as examples of First Stage today?

- Ans**
- ☐ 1. Sweden and Norway
 - ☒ 2. Sierra Leone and Somalia
 - ☐ 3. Argentina and Brazil
 - ☐ 4. South Africa and Egypt

Section : **Discipline9**

Q.1 Which of the following is an example of a socio-natural hazard?

- Ans**
- ☐ 1. Lightning strike
 - ☐ 2. War
 - ☐ 3. Oil spill
 - ☒ 4. Floods caused by deforestation

Q.2 What is socio-natural hazards?

- Ans**
- ☐ 1. Hazards caused only by climate change
 - ☐ 2. Hazards that occur only in rural areas
 - ☒ 3. Hazards caused by both natural forces and human activities
 - ☐ 4. Hazards created by society through communication

Q.3 Which part of the North Pacific Ocean, located between Alaska and Russia, is known for its rich marine life and important fishing grounds?

- Ans**
- ☐ 1. Beaufort Sea
 - ☐ 2. Tasman Sea
 - ☒ 3. Bering Sea
 - ☐ 4. Okhotsk Sea

Q.4 What type of sensor is typically used to collect thermal remote sensing data?

- Ans**
- ☐ 1. Passive microwave sensor
 - ☒ 2. Across-track scanning sensor
 - ☐ 3. Push-broom sensor
 - ☐ 4. Radar sensor

Q.5 Darwin's theory of the transformation of fringing reefs was another factor that brought _____ ideas in geomorphology, which was later expanded by others.

- Ans**
- ☐ 1. cascading
 - ☐ 2. linear
 - ☒ 3. cyclic
 - ☐ 4. stepping

Q.6 Kochi Port is located on which two islands in Lake Kochi?

- Ans**
- ☐ 1. Elephanta Island and Salsette Island
 - ☒ 2. Willingdon Island and Vallarpadam
 - ☐ 3. Havelock and Neil Islands
 - ☐ 4. Rameswaram and Dhanushkodi

Q.7 Disasters lead to economic loss mainly due to:

- Ans**
- ☐ 1. lack of foreign investment
 - ☒ 2. destruction of property and infrastructure
 - ☐ 3. increased imports
 - ☐ 4. inflation in fuel prices

Q.8 Which was the first major port established in independent India?

- Ans**
- ☐ 1. Mumbai Port
 - ☐ 2. Paradip Port
 - ☐ 3. Visakhapatnam Port
 - ☒ 4. Kandla Port

Q.9 Where do the highest tides in the world occur?

- Ans**
- ☐ 1. Hudson Bay, Canada
 - ☒ 2. Bay of Fundy, Canada
 - ☐ 3. Gulf of Mexico, USA
 - ☐ 4. Bay of Bengal, India

Q.10 Which type of coral reef is directly attached to the shore with no significant lagoon in between?

- Ans**
- ☐ 1. Barrier reef
 - ☐ 2. Shelf reef
 - ☐ 3. Atoll reef
 - ☒ 4. Fringing reef

Q.11 Which of the following is NOT a direct output of a Point-in-Polygon overlay operation?

- Ans**
- ☒ 1. To identify which points fall within which polygon boundaries
 - ☒ 2. To interpolate between multiple points
 - ☒ 3. To create 3D models
 - ☒ 4. To merge two point layers

Q.12 Which of the following cities is NOT directly connected by the Golden Quadrilateral?

- Ans**
- ☒ 1. Bengaluru
 - ☒ 2. Kolkata
 - ☒ 3. Chennai
 - ☒ 4. Delhi

Q.13 What is one of the major causes of geometric distortion in remote sensing images?

- Ans**
- ☒ 1. Relief displacement and Earth's rotation
 - ☒ 2. Improper file format
 - ☒ 3. Sensor overheating
 - ☒ 4. Atmospheric conditions

Q.14 Which of the following best describes the relationship between spatial and non-spatial data in GIS?

- Ans**
- ☒ 1. They are completely unrelated.
 - ☒ 2. Non-spatial data defines the location, while spatial data describes characteristics.
 - ☒ 3. Spatial data is used only for towns; non-spatial data is used for rural areas.
 - ☒ 4. Spatial data provides geographic context; non-spatial data adds descriptive attributes.

Q.15 What does the Greek letter λ (lambda) represent in electromagnetic radiation?

- Ans**
- ☒ 1. Frequency
 - ☒ 2. Speed
 - ☒ 3. Wavelength
 - ☒ 4. Amplitude

Q.16 What is the purpose of atmospheric correction in remote sensing?

- Ans**
- ☒ 1. To change the colour of the image
 - ☒ 2. To enhance storage capacity
 - ☒ 3. To adjust relief displacement
 - ☒ 4. To adjust for scattering, absorption, and transmittance

Q.17 What marks the end of the continental shelf?

- Ans**
- ☒ 1. Continental plain
 - ☒ 2. Abyssal hill
 - ☒ 3. Shelf break
 - ☒ 4. Oceanic ridge

Q.18 Where are abyssal plains typically located?

- Ans**
- ☒ 1. At the base of coastal cliffs
 - ☒ 2. Between continental rise and mid-ocean ridge
 - ☒ 3. Near river mouths on continental shelves
 - ☒ 4. Inside shallow seas

Q.19 Where is the Challenger Deep located?

- Ans**
- ☒ 1. In the Mariana Trench
 - ☒ 2. In the Atlantic Ocean
 - ☒ 3. In the Tonga Trench
 - ☒ 4. In the Philippine Sea

Q.20 Which of the following satellites was launched by India in 1981 using the Arian rocket?

- Ans**
- ☒ 1. APPLE
 - ☐ 2. Bhaskar-I
 - ☐ 3. Rohini
 - ☐ 4. INSAT I-B

Section : **Teaching Methodology**

Q.1 Which of the following mostly helps teachers and parents guide a child's learning properly?

- Ans**
- ☐ 1. Religious patterns
 - ☒ 2. Development patterns
 - ☐ 3. Food patterns
 - ☐ 4. Morning wakeup patterns

Q.2 Which of the following is NOT an example of a multidisciplinary approach?

- Ans**
- ☐ 1. Health care
 - ☐ 2. Urban planning
 - ☐ 3. Military-industry interface
 - ☒ 4. Pure mathematics

Q.3 Which of the following characteristics is NOT suitable in a scientific discourse?

- Ans**
- ☒ 1. Use of narrative, colloquial and dramatic words
 - ☐ 2. Use of specialised vocabulary and terms pertaining to the discipline
 - ☐ 3. Use of non-linguistic modes of representation of facts
 - ☐ 4. Use of language in an objective way

Q.4 According to Vygotsky, in which zone is learning process ever occurring?

- Ans**
- ☐ 1. Zone of Personal Development
 - ☐ 2. Zone of Cognitive Development
 - ☒ 3. Zone of Proximal Development
 - ☐ 4. Zone of Knowledge Development

Q.5 Which of the following replaced Person with Disability Act, 1995?

- Ans**
- ☒ 1. Rights of Persons with Disabilities Act, 2016
 - ☐ 2. The Special Educational Needs and Disability Act, 2001
 - ☐ 3. Sarva Shiksha Abhiyan
 - ☐ 4. Right to Education, 2009

Q.6 The systematic, objective and quantitative analysis of message characteristics is known as:

- Ans**
- ☐ 1. dissertation
 - ☐ 2. problem-solving
 - ☒ 3. content analysis
 - ☐ 4. thesis

Q.7 Which of the following is an example of gender identity?

- Ans**
- ☐ 1. The number of men and women in a classroom
 - ☐ 2. A person's biological characteristic at birth
 - ☒ 3. Self-recognition as male or female regardless of biological sex
 - ☐ 4. The legal document identifying a person's sex

Q.8 In which of the teaching strategies advocated by Vygotsky will the teacher and learner play the role of partnership and exhibit co-learning?

- Ans**
- ☒ 1. Reciprocal teaching
 - ☐ 2. Team teaching
 - ☐ 3. Differentiated teaching
 - ☐ 4. Reflective teaching

Q.9 Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all. Which of the following documents best describes this?

- Ans**
- ☐ 1. National Policy on Education, 1968
 - ☐ 2. Right to Education, 2009
 - ☒ 3. National Education Policy, 2020
 - ☐ 4. National Policy on Education, 1986

Q.10 Which of the following domains best relates to art education?

- Ans**
- ☐ 1. Understanding
 - ☐ 2. Reasoning
 - ☒ 3. Affective
 - ☐ 4. Knowledge

Q.11 Which element is central to the implementation of assessment for learning?

- Ans**
- ☐ 1. Exam scheduling
 - ☒ 2. Learner feedback
 - ☐ 3. Score calculation
 - ☐ 4. Test proctoring

Q.12 Assessment is different from evaluation. Assessment:

- Ans**
- ☐ 1. is broader than evaluation
 - ☐ 2. always uses grading
 - ☒ 3. focuses on improving learning
 - ☐ 4. focuses only on behaviour

Q.13 Which of the following can be considered as a major development task for a child during the first 6 years of life?

- Ans**
- ☐ 1. Abstract reasoning
 - ☒ 2. Gender identification
 - ☐ 3. Rational thinking
 - ☐ 4. Recognising the personality

Q.14 Learning resources should be selected based on:

- Ans**
- ☐ 1. availability alone
 - ☐ 2. teacher preference
 - ☒ 3. relevance to objectives
 - ☐ 4. popularity alone

Q.15 Which of the following is related to discipline?

- Ans**
- ☐ 1. Consideration of level of maturity
 - ☐ 2. Curriculum-based unit of study
 - ☐ 3. Parental knowledge system
 - ☒ 4. Specific area of study

Q.16 One's sense of oneself as a male, female or transgender is termed as:

- Ans**
- ☐ 1. gender equality
 - ☒ 2. gender identity
 - ☐ 3. gender inequality
 - ☐ 4. gender norms

Q.17 Which of the following is NOT considered as a major approach to the curriculum?

- Ans**
- ☐ 1. Broadfields approach
 - ☒ 2. Linguistic approach
 - ☐ 3. Social problems approach
 - ☐ 4. Subject centred approach

Q.18 Which of the following objectives primarily aim at enhancing recall and recognition skills in learners?

- Ans**
- ☐ 1. Creativity objectives
 - ☐ 2. Understanding objectives
 - ☒ 3. Knowledge objectives
 - ☐ 4. Application objectives

Q.19 Which of the following is NOT a sign of an effective learner?

- Ans**
- ☐ 1. Thinks critically
 - ☒ 2. Has a closed mind
 - ☐ 3. Does things creatively
 - ☐ 4. Regulates behaviour

Q.20 Content validity of an objective means that it:

- Ans**
- ☐ 1. uses complex words
 - ☐ 2. is open to student interpretation
 - ☐ 3. aligns with examination papers
 - ☒ 4. reflects the intended curriculum

DSSSB Exam July 2025

Test Date	02/08/2025
Test Time	9:00 AM - 12:00 PM
Subject	PGT Geography

Section : Mental Ability and Reasoning Ability

- Q.1** Hitesh starts from point A and walks 2 km towards west. He then takes a left turn and walks 3 km to reach a point B. Binod starts from point X, which is 2 km east of point A, and walks 1 km towards north. He then takes a right turn and walks 2 km. He takes a right turn and walks 4 km to reach a point Y.

What is the shortest distance between point Y and point B? (All turns are 90 degree turns only.)

- Ans**
- ☐ 1. 5 km
 - ☐ 2. 2 km
 - ☒ 3. 6 km
 - ☐ 4. 4 km

- Q.2** This question is based on the following words.

FIST LONE FATE MEAL

In each of the words, the letters are re-arranged in the English alphabetical order. How many letter-clusters thus formed remain unchanged?

- Ans**
- ☐ 1. Two
 - ☒ 2. One
 - ☐ 3. Three
 - ☐ 4. None

- Q.3** Each of J, K, L, M, N, O and P has exam on a different day of a week, starting from Monday and ending on Sunday of the same week.

M has exam on Monday. Only two people have exam between M and L. K has exam on the day immediately after L. Only one person has exam between M and J. O's exam is on one of the days before N, but on one of the days after P.

Who among the following has exam on Tuesday?

- Ans**
- ☐ 1. O
 - ☒ 2. P
 - ☐ 3. N
 - ☐ 4. J

- Q.4** Select the option that is related to the third number in the same way as the second number is related to the first number.
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

21 : 64 :: 19 : ?

- Ans**
- ☐ 1. 49
 - ☒ 2. 58
 - ☐ 3. 81
 - ☐ 4. 72

Q.5 Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number result(s) in the second number. Similarly, certain mathematical operation(s) on the second number result(s) in the third number and so on. Which of the given options follows the same set of operations as in the given sets? (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

15 – 30 – 60 – 120

12 – 24 – 48 – 96

Ans  1. 9 – 81 – 162 – 324

 2. 4 – 16 – 32 – 64

 3. 9 – 18 – 36 – 72

 4. 6 – 36 – 72 – 144

Q.6 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster 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. RUP

 2. ORN

 3. ILG

 4. LOJ

Q.7 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 son of B’ and

‘A % B’ means ‘A is the sister of B’.

Which of the following means that U is the father of W’s mother?

(I) S \$ U – V % T + W

(II) U \$ S – V + T % W

(III) V – S + T % U \$ W

(IV) S % T – U + W \$ V

Ans  1. Only (II)

 2. Only (IV)

 3. Only (I)

 4. (II) and (III)

Q.8 What should come in place of the question mark (?) in the following series?

89, 67, 106, 96, 123, 125, 140, 154, ?

Ans  1. 157

 2. 171

 3. 153

 4. 169

Q.9 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster 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.)

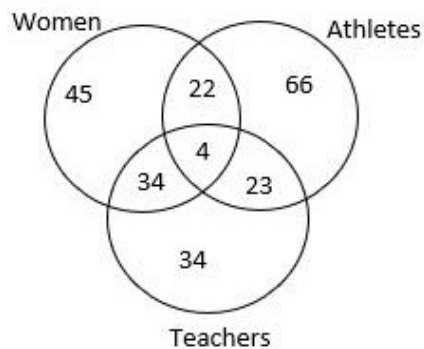
Ans  1. FHLR

 2. RTXD

 3. TVZF

 4. YAFK

Q.10 Read the following Venn diagram and answer the following question



How many women are athletes?

- Ans
- ☒ 1. 23
 - ☒ 2. 27
 - ☒ 3. 26
 - ☒ 4. 22

Q.11 What will come in place of the question mark (?) in the following equation if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$17 - 2 + 2 \div 3 + 6 \times 2 = ?$$

- Ans
- ☒ 1. 11
 - ☒ 2. 10
 - ☒ 3. 7
 - ☒ 4. 13

Q.12 In this question, two statements I and II have been given. These statements may be independent causes or effects of independent causes or a common cause. One of the statements maybe the effect of the other statement. Read both the statements and select the correct answer.

- I) The prices of petrol and diesel in the domestic market have remained unchanged for the past few months.
II) The crude oil prices in the International market have gone up substantially in the last few months.

- Ans
- ☒ 1. Both I and II are effects of independent causes.
 - ☒ 2. II is the cause and I is its possible effect.
 - ☒ 3. Both I and II are independent causes.
 - ☒ 4. I is the cause and II is its possible effect.

Q.13 Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

GD-IE-KM
JG-LH-NP

- Ans
- ☒ 1. LJ-MI-PS
 - ☒ 2. LI-NJ-PR
 - ☒ 3. KJ-MI-OS
 - ☒ 4. LI-MJ-PS

Q.14 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

SHJ117, BQS90, KZB63, TIK36, ?

- Ans
- ☒ 1. TRT9
 - ☒ 2. CRT9
 - ☒ 3. CRT8
 - ☒ 4. CRY9

Q.15 Which of the given options can replace the question mark (?) in the following series to make it logically complete?

VTR 6, USQ 10, TRP 14, SQO 18, ?

- Ans**
- ☒ 1. RPM 23
 - ☒ 2. RPN 22
 - ☒ 3. PRN 22
 - ☒ 4. PQM 23

Q.16 Each of M, N, O, P, Q, R and S has exam on a different day of a week, starting from Monday and ending on Sunday of the same week.

M has exam on Thursday. Only two people have exam between M and O. Q has exam on the day immediately after O. Only one person has exam between M and N. S has exam on one of the days before R, but on one of the days after P.

How many people have exam before P?

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

Q.17 In a certain code, 'current flow wire' is coded as 'ny ph zu', and 'copper pipe wire' is coded as 'ty ge zu'. What does the code 'zu' stand for?

(All the codes are two letter coded only.)

- Ans**
- ☒ 1. copper
 - ☒ 2. current
 - ☒ 3. wire
 - ☒ 4. flow

Q.18 A, B, C, D, K, L, M and N are sitting around a square table facing the centre of the table (but not necessarily in the same order). Some of them are sitting at the corners while some are sitting at the exact centre of the sides.
Only three people sit between B and L when counted from the left of B. B does not sit at any of the corners. K sits third to the left of L. D sits second to the left of B. C is an immediate neighbour of both L and D. A is an immediate neighbour of B. N sits second to the left of L.
How many people sit between M and D when counted from the left of M?

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

Q.19 This question is based on the following words.

FARM CLUE VINE SORT

In each of the words, each consonant is changed to the letter immediately following it in the English alphabetical order and the vowels remain unchanged. How many letter-clusters thus formed will have at least two vowels?

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

Q.20 What will come in place of the question mark (?) in the following equation if '+' and '-' are interchanged and '×' and '÷' are interchanged?

101 ÷ 11 – 999 × 3 + 15 = ?

- Ans**
- ☒ 1. 1627
 - ☒ 2. 1526
 - ☒ 3. 1328
 - ☒ 4. 1429

Q.1 Which Article of Indian Constitution deals with the 'Functions of Public Service Commissions' in India?

- Ans**
-  1. Article 322
 -  2. Article 310
 -  3. Article 320
 -  4. Article 324

Q.2 What is the relationship between the interest rate and the money demanded?

- Ans**
-  1. Proportionate
 -  2. Direct
 -  3. Unitary
 -  4. Inverse

Q.3 Which of the following foods is an example of emulsion?

- Ans**
-  1. Boiled rice
 -  2. Apple
 -  3. Milk
 -  4. Paneer

Q.4 Which is the oldest Dravidian language of the Indian subcontinent?

- Ans**
-  1. Tamil
 -  2. Malayalam
 -  3. Telugu
 -  4. Kannada

Q.5 Who has become the first bowler to take 200 wickets in IPL history, as of 2024?

- Ans**
-  1. Amit Mishra
 -  2. Yuzvendra Chahal
 -  3. Piyush Chawla
 -  4. Bhuvneshwar Kumar

Q.6 As of 2025, how many languages are recognised as Classical Languages of India by the Government of India?

- Ans**
-  1. 6
 -  2. 8
 -  3. 11
 -  4. 7

Q.7 What is the primary objective of the Green Credits Programme co-hosted by India at COP-28, on 1 December 2023, in Dubai?

- Ans**
-  1. To enhance and protect ecologically sensitive zones in India
 -  2. To encourage industrial growth with reusable fuels
 -  3. To promote eco-tourism activities in India
 -  4. To incentivise voluntary pro-planet actions for climate change

Q.8 Who was awarded the Aryabhata Award for his contribution to astronautics by the Aeronautical Society of India (ASI) in April 2024?

- Ans**
-  1. G Madhavan Nair
 -  2. K Sivan
 -  3. Pavuluri Subba Rao
 -  4. Udupi Ramachandra Rao

Q.9	Which is the religious practice of Jainism, in which a Jain stops eating with the intention of preparation for death?
Ans	1. Samayika 2. Avashyaka 3. Murtipujaka 4. Sallekhana
Q.10	‘Vikramarjuna - Vijaya’ was composed by which of the following jewels of Kannada literature?
Ans	1. Tikkanna 2. Nanniah 3. Kamban 4. Pampa
Q.11	Hunter commission was established in which of the following years?
Ans	1. 1880 2. 1881 3. 1883 4. 1882
Q.12	Indus River originates from:
Ans	1. the Shivalik Himalayas 2. a glacier near Bokhar Chu 3. Mansarovar Lake 4. the Western Ghats
Q.13	What is the highest peak in the Aravalli Range?
Ans	1. Thar Desert Peak 2. Merta City 3. Guru Shikhar 4. Khetri
Q.14	Who among the following was the founder of Jainism in India?
Ans	1. Siddhartha 2. Mahavira 3. Chandra Gupta Maurya 4. Ashoka
Q.15	Under which Article of the Indian Constitution does the Parliament have the power to regulate the Right of Citizenship by law?
Ans	1. Article 9 2. Article 8 3. Article 10 4. Article 11
Q.16	Suresh Tendulkar Committee in India is related to which of the following?
Ans	1. Unemployment 2. Poverty 3. Agriculture 4. Infrastructure development
Q.17	In the structure of a DNA molecule, two sugar units are connected with the help of a phosphate group by a special type of bond to form a polymeric structure. What is the name of that bond?
Ans	1. Hydrogen bond 2. Phosphodiester bond 3. Peptide bond 4. Glycosidic bond

Q.18 Globalisation mainly involves:

- Ans**
-  1. isolating a country's economy from the world
 -  2. nationalising all foreign-owned businesses
 -  3. reducing the influence of multinational corporations
 -  4. expanding economic, cultural and technological connections worldwide

Q.19 Which type of density shows the pressure on cultivable land?

- Ans**
-  1. Urban density
 -  2. Economic density
 -  3. Physiological density
 -  4. Arithmetic density

Q.20 Which Article of the Indian Constitution makes provisions for the President of India in case of failure of Constitutional machinery in Union Territories?

- Ans**
-  1. Article 239AC
 -  2. Article 239AB
 -  3. Article 239AD
 -  4. Article 240B

Section : **Numerical Aptitude and Data Interpretation**

Q.1 What is the effective discount percentage for the scheme 'Buy 6 and get 2 free'?

- Ans**
-  1. 22.5%
 -  2. 17.5%
 -  3. 20%
 -  4. 25%

Q.2 There are two sections of a group, A and B, consisting of 22 and 44 students, respectively. If the average weight of section A is 40 kg and that of section B is 36 kg, find the average weight of the whole group (in kg). (Correct to two decimal places)

- Ans**
-  1. 37.33
 -  2. 37.83
 -  3. 38.33
 -  4. 36.83

Q.3 Bauxite, an ore of aluminium, contains 32% impurities such as mud and stone particles, which are removed to purify the ore. Of the remaining material, 45% is pure aluminium. If the amount of pure aluminium extracted from the bauxite mined in a year is 5,27,850 kg, what is the total quantity (in tonnes) of bauxite obtained from the mine in that year?

- Ans**
-  1. 2000
 -  2. 1650
 -  3. 1875
 -  4. 1725

Q.4 The speed of a bus is 4 m/s. The distance (in kilometres) travelled by the bus in 8 hours and 40 minutes is:

- Ans**
-  1. 130
 -  2. 128.4
 -  3. 120
 -  4. 124.8

Q.5 If A denotes the sum invested, M denotes the number of years, and P denotes the percentage rate of interest per year, then the compound interest, when the interest is compounded annually, is given by:

- Ans
- ☒ 1. $A\left(1 + \frac{P}{100}\right)^M - A$
 - ☐ 2. $A\left(1 + \frac{P}{100}\right)^M$
 - ☐ 3. $A\left(1 + \frac{M}{100}\right)^P$
 - ☐ 4. $M\left(1 + \frac{A}{100}\right)^P - A$

Q.6 The cost of painting the total surface area of a closed cylindrical tank at 80p/dm² is ₹431.20. If the height is 6 times the radius of the base, find its volume, correct to two decimal places. (Use $\pi = \frac{22}{7}$)

- Ans
- ☐ 1. 588.60 dm³
 - ☐ 2. 850.80 dm³
 - ☐ 3. 508.60 dm³
 - ☒ 4. 808.50 dm³

Q.7 A and B can do a piece of work in 15 days. B and C can do it in 20 days. A and C can do it in 30 days. If A, B and C work simultaneously, how many days will they take to complete the work?

- Ans
- ☒ 1. $13\frac{1}{3}$
 - ☐ 2. $12\frac{1}{3}$
 - ☐ 3. $11\frac{1}{2}$
 - ☐ 4. $10\frac{1}{2}$

Q.8 The population of a town increased by 16% in a year and became 67744. Find the initial population.

- Ans
- ☒ 1. 58400
 - ☐ 2. 57345
 - ☐ 3. 56300
 - ☐ 4. 55270

Q.9 Find the cube root of 185193.

- Ans
- ☐ 1. 47
 - ☐ 2. 53
 - ☒ 3. 57
 - ☐ 4. 63

Q.10 Three persons walk from place X to place Y. Their speeds are in the ratio 5 : 6 : 8. The ratio of the time taken by them to reach Y will be:

- Ans
- ☐ 1. 12 : 20 : 11
 - ☐ 2. 15 : 20 : 12
 - ☐ 3. 8 : 3 : 7
 - ☒ 4. 24 : 20 : 15

Q.11 If the area of a right-angled triangle is 30 cm^2 and the length of one of the two sides containing the right angle is 12 cm, then find the length of its hypotenuse.

- Ans**
- ☐ 1. 12 cm
 - ☐ 2. 60 cm
 - ☒ 3. 13 cm
 - ☐ 4. 30 cm

Q.12 The average weight of 12 students and two teachers is 58 kg. If two more teachers of 72 kg weight each are included in the group, find the average weight of the group (in kg).

- Ans**
- ☐ 1. 59.57
 - ☒ 2. 59.75
 - ☐ 3. 63.73
 - ☐ 4. 57.95

Q.13 A shopkeeper sells his goods at cost price but uses a weight of 940 grams instead of 1 kilogram. What is his gain percentage (rounded off to two decimal places)?

- Ans**
- ☐ 1. 10.27%
 - ☒ 2. 6.38%
 - ☐ 3. 7.76%
 - ☐ 4. 9.85%

Q.14 A man sells a mobile phone for ₹680 and incurs a loss. If he had sold it for ₹1,100, his gain would have been double the former loss. The cost price (in ₹) of the mobile phone is:

- Ans**
- ☐ 1. 810
 - ☐ 2. 840
 - ☐ 3. 830
 - ☒ 4. 820

Q.15 In a 945 m race, Rajiv reaches the final point in 75 seconds and Mahesh reaches the final point in 105 seconds. By how much distance does Rajiv beat Mahesh?

- Ans**
- ☐ 1. 300 m
 - ☐ 2. 290 m
 - ☒ 3. 270 m
 - ☐ 4. 280 m

Q.16 At what rate (in percentage) per annum on simple interest will a sum of money become 3 times of itself in 10 years?

- Ans**
- ☐ 1. 30%
 - ☒ 2. 20%
 - ☐ 3. 29%
 - ☐ 4. 19%

Q.17 A, B and C can complete a piece of work in 12, 15 and 20 days, respectively. They work in a repeating pattern: A and B work together on the first day, B and C on the second day, C and A on the third day, and then the cycle repeats from the fourth day onward. How many days will it take for them to complete the entire work following this pattern?

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

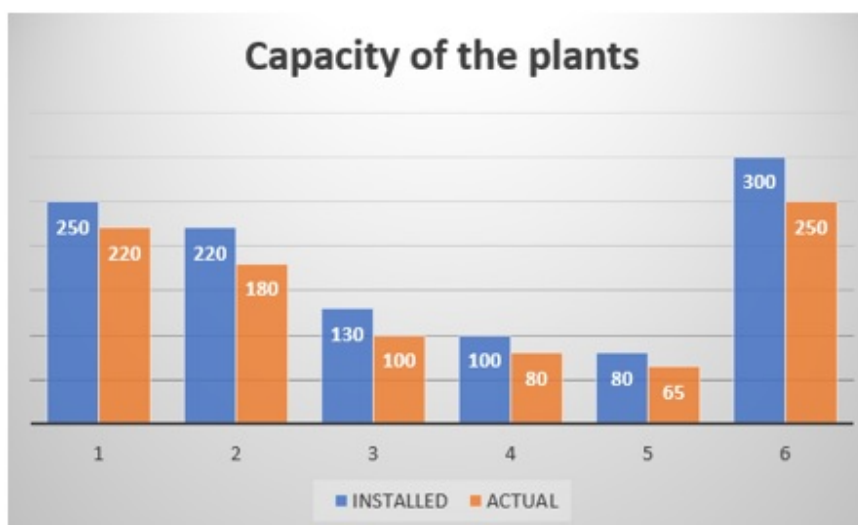
Q.18 Three partners, A, B and C, made a profit of ₹87,000 in their joint business in a certain year. The firm paid a tax of 20%. The remaining profit was shared by A, B and C in the ratio of 5 : 3 : 2. What is the difference (in ₹) between the profit received by A and C?

- Ans
- ☐ 1. 20,580
 - ☐ 2. 20,980
 - ☒ 3. 20,880
 - ☐ 4. 21,880

Q.19 Simplify $\frac{11 - \{8 - (-6 + 5)\} \div 3}{8 - 6 - 8 - 11 + 3}$.

- Ans
- ☒ 1. 4
 - ☐ 2. 8
 - ☐ 3. 10
 - ☐ 4. 9

Q.20 In a state, six electricity generating plants are installed. The following graph represents the installed capacity and the actual available energy from the plant. Any plant having installed capacity more than 150 GW is called a large plant, and any plant having installed capacity less than 150 GW is considered a small plant. Study the graph and answer the question that follows.



Which of the plants has maximum capacity utilisation (ratio of actual generation to installed capacity)?

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

Section : English Language and Comprehension

Q.1 Select the correct adjective to fill in the blank.

The _____ debate showcased the candidates' knowledge and communication skills.

- Ans
- ☒ 1. intense
 - ☐ 2. intensity
 - ☐ 3. intensely
 - ☐ 4. intensify

Q.2 Select the most appropriate proverb that can substitute the underlined segment in the given sentence.

Despite the long hours in the lab, the team reminded themselves that important work takes time and cannot be rushed.

- Ans**
- ☒ 1. a picture is worth a thousand words
 - ☒ 2. a rolling stone gathers no moss.
 - ☒ 3. Rome wasn't built in a day
 - ☒ 4. don't bite the hand that feeds you.

Q.3 Sentences of a paragraph are given below. While the first and the last sentences (S1 and S6) are in the correct order, the sentences in between are jumbled up. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.

S1. Virtual reality aims to mirror 'reality and create a world that is both immersive and interactive'.

P. In one ground-breaking study, researchers found that digital limbs (in VR) can feel indistinguishable from our own.

Q. Success can be judged on the digital experience's ability to simulate the real-world environment that it attempts to recreate.

R. Visually, the virtual reality system components work together to 'create sensory illusions that produce a more or less believable simulation of reality'.

S. After all, virtual reality systems can induce physiological and psychological responses that can be measured by changes to stress hormones and other biological states.

S6. They appear authentic because they achieve brain and behavioural responses from virtual stimulation that mirror those in the real world.

- Ans**
- ☒ 1. QSPR
 - ☒ 2. QPRS
 - ☒ 3. QRSP
 - ☒ 4. QPSR

Q.4 Select the option that can be used as a one-word substitute for the given group of words/phrase.

A person who pretends to be knowledgeable and sophisticated

- Ans**
- ☒ 1. Connoisseur
 - ☒ 2. Aesthete
 - ☒ 3. Sophist
 - ☒ 4. Charlatan

Q.5 Select the most appropriate proverb that can substitute the underlined segment in the given sentence.

With everyone wanting to contribute their ideas, the project became chaotic, reminding the team that if too many people are involved in something, it will not turn out well.

- Ans**
- ☒ 1. too many cooks spoil the broth
 - ☒ 2. a penny saved is a penny earned
 - ☒ 3. don't bite the hand that feeds you
 - ☒ 4. a picture is worth a thousand words

Q.6 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.

A. The city streets were bustling with activity as people hurried to their destinations.

B. Neon lights adorned the storefronts, illuminating the sidewalks with a colourful glow.

C. Music filled the air, blending together in a cacophony of sounds.

D. Street vendors offered an array of tantalising treats, tempting passersby with their aromas.

E. Amidst the chaos, there was a sense of excitement and energy that was palpable.

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

Q.7 Select the most appropriate adjective to fill in the blank.

Christy was kind, thoughtful and _____ of her fellow beings.

- Ans**
- ☐ 1. agile
 - ☐ 2. deep
 - ☐ 3. curious
 - ☒ 4. considerate

Q.8 Read the conversation carefully and select the most appropriate ANTONYM of the bracketed word from the given options to fill in the blank.

Professor A: The intern's (impudent) remarks during the meeting were unacceptable.

Professor B: That's surprising! In my experience, the intern has always been _____ and carried themselves with humility.

- Ans**
- ☒ 1. modest
 - ☐ 2. haughty
 - ☐ 3. presumptuous
 - ☐ 4. audacious

Q.9 Select the most appropriate question tag to fill in the blank.

Manu isn't an expert in Astrophysics, _____?

- Ans**
- ☐ 1. shall he
 - ☐ 2. do he
 - ☐ 3. will he
 - ☒ 4. is he

Q.10 Select the most appropriate adjective to fill in the blank.

Shiney's marriage is _____ right now.

- Ans**
- ☐ 1. alluring
 - ☒ 2. blissful
 - ☐ 3. decent
 - ☐ 4. clean

Q.11 Sentences of a paragraph are given below. While the first and the last sentences (S1 and S6) are in the correct order, the sentences in between are jumbled up. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.

S1. Climate change is now affecting every country on every continent.

A. The greenhouse gas emissions from human activities are driving climate change and continue to rise.

B. It is disrupting national economies and affecting lives, costing people, communities and countries dearly today and even more tomorrow.

C. People are experiencing the significant impacts of climate change, which include changing weather patterns, rising sea level, and more extreme weather events.

D. They are now at their highest levels in history.

S6. Without action, the world's average surface temperature is projected to rise over the 21st Century and is likely to surpass 3 degrees Celsius this century—with some areas of the world expected to warm even more.

- Ans**
- ☐ 1. BCAD
 - ☐ 2. BCDA
 - ☐ 3. BADC
 - ☒ 4. ADCB

Q.12 Select the most appropriate option to fill in the blank and complete the proverb.

When in Rome, _____.

- Ans**
- ☒ 1. do as the Romans do
 - ☐ 2. do as the Americans do
 - ☐ 3. do as the Russians do
 - ☐ 4. do as the Indians do

Q.13 Select the most appropriate question tag to fill in the blank.

Sree hasn't got a car, _____?

- Ans**
- ☒ 1. is she
 - ☒ 2. have she
 - ☒ 3. has she
 - ☒ 4. had she

Q.14 Select the option that can be used as a one-word substitute for the given group of words/phrase.

Someone who tries to get power or an advantage in every situation

- Ans**
- ☒ 1. Miscreant
 - ☒ 2. Altruist
 - ☒ 3. Opportunist
 - ☒ 4. Philanthropist

Q.15 Read the conversation carefully and select the most appropriate synonym of the bracketed word from the given options to fill in the blank.

Neha: I admire Mr. Roy for his (altruistic) nature; he always puts others before himself.
Rahul: But I have heard some people say he isn't truly _____ but only helps others for recognition.

- Ans**
- ☒ 1. dogmatic
 - ☒ 2. charitable
 - ☒ 3. pretentious
 - ☒ 4. frivolous

Comprehension:

Read the given passage and answer the questions that follow.

Nature is a source of inspiration and wonder for people around the world. From the towering trees of the Amazon rainforest to the majestic peaks of the Himalayas, the natural world is filled with awe-inspiring sights and sounds. Let's explore the beauty of nature and its importance to our planet.

One of the most remarkable aspects of nature is its diversity. From the smallest insects to the largest mammals, the natural world is teeming with life in all its forms. This biodiversity is not only a testament to the resilience of life but also essential for maintaining healthy ecosystems and supporting the well-being of all living organisms.

In addition to its biodiversity, nature provides a wide range of ecosystem services that are vital for human survival. Forests, for example, help regulate the Earth's climate, purify air and water, and provide habitat for countless species. Wetlands act as natural buffers against flooding and help filter pollutants from water sources. These ecosystem services are invaluable to human society and underscore the importance of preserving and protecting natural habitats.

Despite its importance, nature is facing unprecedented threats from human activities such as deforestation, pollution and habitat destruction. Climate change, in particular, poses a significant risk to the stability of ecosystems and the well-being of millions of species. As stewards of the planet, it is our responsibility to take action to mitigate these threats and ensure a sustainable future for nature and all its inhabitants.

SubQuestion No : 16

Q.16 Select the most appropriate title for the given passage.

- Ans**
- ☒ 1. Nature: A God's Gift
 - ☒ 2. Nature: An Essential Requirement
 - ☒ 3. Nature and Its Phenomenon
 - ☒ 4. Nature: Vibrant and Marvellous

Comprehension:

Read the given passage and answer the questions that follow.

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SubQuestion No : 17

Q.17 What is biodiversity?

- Ans**
- ☐ 1. The destruction of natural habitats
 - ☒ 2. The variety of life in all its forms
 - ☐ 3. The pollution of air and water
 - ☐ 4. The exploitation of natural resources

Comprehension:

Read the given passage and answer the questions that follow.

Nature is a source of inspiration and wonder for people around the world. From the towering trees of the Amazon rainforest to the majestic peaks of the Himalayas, the natural world is filled with awe-inspiring sights and sounds. Let's explore the beauty of nature and its importance to our planet.

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SubQuestion No : 18

Q.18 Which of the following provide a wide range of ecosystem services?

- Ans**
- ☐ 1. Rivers
 - ☐ 2. Mountains
 - ☒ 3. Forests
 - ☐ 4. Deserts

Comprehension:

Read the given passage and answer the questions that follow.

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SubQuestion No : 19

Q.19 What do wetlands act as against flooding?

- Ans
- ☒ 1. Natural dams
 - ☒ 2. Natural barriers
 - ☒ 3. Natural absorbers
 - ☒ 4. Natural buffers

Comprehension:

Read the given passage and answer the questions that follow.

Nature is a source of inspiration and wonder for people around the world. From the towering trees of the Amazon rainforest to the majestic peaks of the Himalayas, the natural world is filled with awe-inspiring sights and sounds. Let's explore the beauty of nature and its importance to our planet.

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SubQuestion No : 20

Q.20 Select the most appropriate meaning of the given word based on your reading.

Stewards

- Ans
- ☒ 1. Exploiters
 - ☒ 2. Passengers
 - ☒ 3. Attendants
 - ☒ 4. Suppliers

Section : Hindi Language and Comprehension

Q.1 उचित कारक चिह्न से दिए गए वाक्य का रिक्त स्थान पूर्ण करें--

आर्थिक सहायता के अतिरिक्त उसने लड़कों _____ उचित परामर्श भी दिया ।

- Ans
- ☒ 1. में
 - ☒ 2. का
 - ☒ 3. से
 - ☒ 4. को

Q.2 वर्तनी की दृष्टि से वाक्य के किस अंश में त्रुटि है ?

हमारी वृद्धों की सहायता करने वाली संस्था को सरकारी अनुदान मिलता है ।

- Ans
-  1. सहायता करने वाली
 -  2. अनुदान मिलता है ।
 -  3. संस्था को सरकारी
 -  4. हमारी वृद्धों की

Q.3 निम्नलिखित वाक्यों को उचित क्रम में लिखें ।

- 1 लगी और मैच रोकना पड़ा
- 2 यह टीम आज मैच
- 3 अचानक बारिश होने
- 4 जीतने ही वाली थी कि

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

Q.4 निम्नलिखित वाक्यांश हेतु सार्थक शब्द की पहचान करें ।
जिसको सहन नहीं किया जा सके

- Ans
-  1. सहन
 -  2. असह्य
 -  3. सह्य
 -  4. वहनीय

Q.5 वर्तनी की दृष्टि से दिए गए विकल्पों में से शुद्ध वाक्य का चयन करें-

- Ans
-  1. मेरे दादा जी पड़ सकते है ।
 -  2. मेरे दादा जी पढ़ सकते हैं ।
 -  3. मेरे दादा जी पढ सकतै है ।
 -  4. मेरे ददा जी पढ़ सकते है ।

Q.6 वाक्य में रेखांकित शब्द का पर्यायवाची चुनिए ।
'वह कितना अभद्र लग रहा था ।'

- Ans
-  1. चालाक
 -  2. शातिर
 -  3. अविनीत
 -  4. तेज़

Q.7 उचित कारक चिह्न से दिए गए वाक्य का रिक्त स्थान पूर्ण करें--
भारत की विधान परिषदों _____ 1920 तक कुछ भी अधिकार नहीं था ।

- Ans
-  1. के लिए
 -  2. पर
 -  3. में
 -  4. को

Q.8 निम्नलिखित वाक्यों को उचित क्रम में लिखें ।

- 1 और बीमार लग रहा था
- 2 कल मैंने रास्ते में एक
- 3 व्यक्ति को देखा जो
- 4 शारीरिक रूप से बहुत कमजोर

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

Q.9 उचित कारक चिह्न से दिए गए वाक्य का रिक्त स्थान पूर्ण करें--
ब्रिटिश सरकार लगातार प्रेस _____ गला घोटने की कोशिश करती रही ।

- Ans
- ☐ 1. पर
 - ☐ 2. द्वारा
 - ☒ 3. का
 - ☐ 4. से

Q.10 निम्नलिखित वाक्यांश हेतु सार्थक शब्द की पहचान करें ।
जिसका आदर नहीं किया गया हो

- Ans
- ☐ 1. अनादर
 - ☒ 2. अनादृत
 - ☐ 3. अपमान
 - ☐ 4. घृणा

Q.11 दिए गए विकल्पों में से वाक्य में रेखांकित शब्द का पर्यायवाची चुनिए ।
कमलेश के पिता बहुत आततायी हैं, इसलिए वह बहुत डरा -डरा रहता है ।

- Ans
- ☐ 1. झुठा
 - ☒ 2. नृशंस
 - ☐ 3. कठोर
 - ☐ 4. डरपोक

Q.12 उचित कारक चिह्न से दिए गए वाक्य का रिक्त स्थान पूर्ण करें--
कोसाबी के अनुसार गुप्तकाल _____ सबसे अधिक स्वर्ण मुद्राएँ प्राप्त हुई हैं ।

- Ans
- ☐ 1. में
 - ☒ 2. की
 - ☐ 3. से
 - ☐ 4. पर

Q.13 निम्नलिखित में से कौन-सी लोकोक्ति 'बनावटी दुःख प्रकट करना ' अर्थ में प्रयुक्त होती है ?

- Ans
- ☐ 1. आँख ओट पहाड़ ओट
 - ☐ 2. आँख सुख कलेजा टंडक
 - ☒ 3. आँख एक नहीं कलेजा टुक-टुक
 - ☐ 4. आँख बची माल दोस्तों का

Q.14 उचित कारक चिह्न से दिए गए वाक्य का रिक्त स्थान पूर्ण करें--
गदर आंदोलन ने बहुत ही कम समय _____ पंजाबी आप्रवासियों को अपना समर्थक बना लिया ।

- Ans
- ☐ 1. से
 - ☐ 2. के लिए
 - ☒ 3. में
 - ☐ 4. पर

Q.15 नकेल हाथ में होना –
उपरोक्त मुहावरे का अर्थ क्या है ?

- Ans
- ☐ 1. गुप्त रखना
 - ☒ 2. वश में होना
 - ☐ 3. परेशान करना
 - ☐ 4. बदनाम होना

Comprehension:

निम्नलिखित गद्यांश को पढ़कर प्रश्नों के उत्तर दीजिए-

'यह सत्य है कि स्वातन्त्र्य-पूर्व का युग पराधीनता के विरुद्ध किये जाने वाले संघर्षों और राष्ट्रीय जागरण का काल था। राजनीतिज्ञों की भाँति ही समग्र देश के साहित्यकारों के चिन्तन, मनन, दर्शन और अभिव्यक्ति का केन्द्र बिन्दु सामाजिक विषमता, कलुषता और फूट से उत्पन्न पराधीनता थी। इस पराधीनता के विरुद्ध रचनात्मक और स्वस्थ दृष्टिकोण रखकर नाना प्रकार और रूपों में चैतन्य साहित्य की सृष्टि की गयी। फलस्वरूप प्राणवन्त साहित्य की प्रेरणा के कारण गुलामी के कष्टों और पीड़ाओं के विरुद्ध दिनों-दिन लोकभावना उग्र होती गयी और एक दिन देश स्वतन्त्र हो गया। यह भी सच है कि परन्तन्त्रता के कष्टों और अत्याचारों के प्रति विद्रोह-रागिनी ध्वनित करने वाले साहित्यकारों और प्रजाजनों की आँखों में एक सुखद भविष्य तथा स्वतन्त्र देश की गौरवमय कल्पना का चित्र झिलमिलाया करता था, जिसके प्रति उनमें अटूट विश्वास और आस्था थी। आज अगर हमारे देश का दिग्भ्रमित युवा-वर्ग सचेत हो जाए तो दहेज-रूपी कोढ़, निरक्षरता, गरीबी तथा बेरोजगारी, जो हमारे समाज में जोंक की तरह चिपकी हुई हैं, समाप्त की जा सकती हैं। नैतिक मूल्यों में जो गिरावट आयी है, भ्रष्टाचार को जो बढ़ावा मिल रहा है, वह युवा-चेतना की उदासीनता का ही परिणाम है। युवा-चेतना को यदि सही दिशा दी जाए और उनकी इस शक्ति का समुचित उपयोग किया जाए, तो निश्चय ही राष्ट्र के विकास में बहुत बड़ा सहयोग मिलेगा।'

SubQuestion No : 16

Q.16 'चित्र झिलमिलाया करता था' का अभिप्राय है-

- Ans
- ☒ 1. सपने देखना
 - ☐ 2. चित्र बनाना
 - ☐ 3. रोशनी करना
 - ☐ 4. चित्र में रंग भरना

Comprehension:

निम्नलिखित गद्यांश को पढ़कर प्रश्नों के उत्तर दीजिए-

'यह सत्य है कि स्वातन्त्र्य-पूर्व का युग पराधीनता के विरुद्ध किये जाने वाले संघर्षों और राष्ट्रीय जागरण का काल था। राजनीतिज्ञों की भाँति ही समग्र देश के साहित्यकारों के चिन्तन, मनन, दर्शन और अभिव्यक्ति का केन्द्र बिन्दु सामाजिक विषमता, कलुषता और फूट से उत्पन्न पराधीनता थी। इस पराधीनता के विरुद्ध रचनात्मक और स्वस्थ दृष्टिकोण रखकर नाना प्रकार और रूपों में चैतन्य साहित्य की सृष्टि की गयी। फलस्वरूप प्राणवन्त साहित्य की प्रेरणा के कारण गुलामी के कष्टों और पीड़ाओं के विरुद्ध दिनों-दिन लोकभावना उग्र होती गयी और एक दिन देश स्वतन्त्र हो गया। यह भी सच है कि परन्तन्त्रता के कष्टों और अत्याचारों के प्रति विद्रोह-रागिनी ध्वनित करने वाले साहित्यकारों और प्रजाजनों की आँखों में एक सुखद भविष्य तथा स्वतन्त्र देश की गौरवमय कल्पना का चित्र झिलमिलाया करता था, जिसके प्रति उनमें अटूट विश्वास और आस्था थी। आज अगर हमारे देश का दिग्भ्रमित युवा-वर्ग सचेत हो जाए तो दहेज-रूपी कोढ़, निरक्षरता, गरीबी तथा बेरोजगारी, जो हमारे समाज में जोंक की तरह चिपकी हुई हैं, समाप्त की जा सकती हैं। नैतिक मूल्यों में जो गिरावट आयी है, भ्रष्टाचार को जो बढ़ावा मिल रहा है, वह युवा-चेतना की उदासीनता का ही परिणाम है। युवा-चेतना को यदि सही दिशा दी जाए और उनकी इस शक्ति का समुचित उपयोग किया जाए, तो निश्चय ही राष्ट्र के विकास में बहुत बड़ा सहयोग मिलेगा।'

SubQuestion No : 17

Q.17 'पराधीनता' का अर्थ होता है-

- Ans
- ☐ 1. निरंकुश होकर जीवन जीना
 - ☐ 2. अपनी इच्छा और आकांक्षा के अधीन जीवन जीना
 - ☐ 3. अपने सिवा और किसी के अधीन न होकर जीवन जीना
 - ☒ 4. दूसरे के अधीन होकर जीवन जीना

Comprehension:

निम्नलिखित गद्यांश को पढ़कर प्रश्नों के उत्तर दीजिए-

'यह सत्य है कि स्वातन्त्र्य-पूर्व का युग पराधीनता के विरुद्ध किये जाने वाले संघर्षों और राष्ट्रीय जागरण का काल था। राजनीतिज्ञों की भाँति ही समग्र देश के साहित्यकारों के चिन्तन, मनन, दर्शन और अभिव्यक्ति का केन्द्र बिन्दु सामाजिक विषमता, कलुषता और फूट से उत्पन्न पराधीनता थी। इस पराधीनता के विरुद्ध रचनात्मक और स्वस्थ दृष्टिकोण रखकर नाना प्रकार और रूपों में चैतन्य साहित्य की सृष्टि की गयी। फलस्वरूप प्राणवन्त साहित्य की प्रेरणा के कारण गुलामी के कष्टों और पीड़ाओं के विरुद्ध दिनों-दिन लोकभावना उग्र होती गयी और एक दिन देश स्वतन्त्र हो गया। यह भी सच है कि परन्तन्त्रता के कष्टों और अत्याचारों के प्रति विद्रोह-रागिनी ध्वनित करने वाले साहित्यकारों और प्रजाजनों की आँखों में एक सुखद भविष्य तथा स्वतन्त्र देश की गौरवमय कल्पना का चित्र झिलमिलाया करता था, जिसके प्रति उनमें अटूट विश्वास और आस्था थी। आज अगर हमारे देश का दिग्भ्रमित युवा-वर्ग सचेत हो जाए तो दहेज-रूपी कोढ़, निरक्षरता, गरीबी तथा बेरोजगारी, जो हमारे समाज में जोंक की तरह चिपकी हुई हैं, समाप्त की जा सकती हैं। नैतिक मूल्यों में जो गिरावट आयी है, भ्रष्टाचार को जो बढ़ावा मिल रहा है, वह युवा-चेतना की उदासीनता का ही परिणाम है। युवा-चेतना को यदि सही दिशा दी जाए और उनकी इस शक्ति का समुचित उपयोग किया जाए, तो निश्चय ही राष्ट्र के विकास में बहुत बड़ा सहयोग मिलेगा।'

SubQuestion No : 18

Q.18 'विद्रोह रागिनी ध्वनित करना' का अभिप्राय है-

- Ans
- ☐ 1. विद्रोह का संगीत बजाना
 - ☐ 2. विद्रोह के नारे लगाना
 - ☒ 3. साहित्य में वर्तमान के प्रति विद्रोह भाव भरना
 - ☐ 4. बहुत जोर से हुंकार भरना

Comprehension:

निम्नलिखित गद्यांश को पढ़कर प्रश्नों के उत्तर दीजिए-

'यह सत्य है कि स्वातन्त्र्य-पूर्व का युग पराधीनता के विरुद्ध किये जाने वाले संघर्षों और राष्ट्रीय जागरण का काल था। राजनीतिज्ञों की भाँति ही समग्र देश के साहित्यकारों के चिन्तन, मनन, दर्शन और अभिव्यक्ति का केन्द्र बिन्दु सामाजिक विषमता, कलुषता और फूट से उत्पन्न पराधीनता थी। इस पराधीनता के विरुद्ध रचनात्मक और स्वस्थ दृष्टिकोण रखकर नाना प्रकार और रूपों में चैतन्य साहित्य की सृष्टि की गयी। फलस्वरूप प्राणवन्त साहित्य की प्रेरणा के कारण गुलामी के कष्टों और पीड़ाओं के विरुद्ध दिनों-दिन लोकभावना उग्र होती गयी और एक दिन देश स्वतन्त्र हो गया। यह भी सच है कि परन्तन्त्रता के कष्टों और अत्याचारों के प्रति विद्रोह-रागिनी ध्वनित करने वाले साहित्यकारों और प्रजाजनों की आँखों में एक सुखद भविष्य तथा स्वतन्त्र देश की गौरवमय कल्पना का चित्र झिलमिलाया करता था, जिसके प्रति उनमें अटूट विश्वास और आस्था थी। आज अगर हमारे देश का दिग्भ्रमित युवा-वर्ग सचेत हो जाए तो दहेज-रूपी कोढ़, निरक्षरता, गरीबी तथा बेरोजगारी, जो हमारे समाज में जोंक की तरह चिपकी हुई हैं, समाप्त की जा सकती हैं। नैतिक मूल्यों में जो गिरावट आयी है, भ्रष्टाचार को जो बढ़ावा मिल रहा है, वह युवा-चेतना की उदासीनता का ही परिणाम है। युवा-चेतना को यदि सही दिशा दी जाए और उनकी इस शक्ति का समुचित उपयोग किया जाए, तो निश्चय ही राष्ट्र के विकास में बहुत बड़ा सहयोग मिलेगा।'

SubQuestion No : 19

Q.19 'जोंक की तरह चिपकना' का अभिप्राय है-

- Ans
- ☒ 1. साथ लगे रहना
 - ☒ 2. अटूट सम्बन्ध होना
 - ☒ 3. खून चूसना
 - ☒ 4. अनायास सम्बन्ध होना

Comprehension:

निम्नलिखित गद्यांश को पढ़कर प्रश्नों के उत्तर दीजिए-

'यह सत्य है कि स्वातन्त्र्य-पूर्व का युग पराधीनता के विरुद्ध किये जाने वाले संघर्षों और राष्ट्रीय जागरण का काल था। राजनीतिज्ञों की भाँति ही समग्र देश के साहित्यकारों के चिन्तन, मनन, दर्शन और अभिव्यक्ति का केन्द्र बिन्दु सामाजिक विषमता, कलुषता और फूट से उत्पन्न पराधीनता थी। इस पराधीनता के विरुद्ध रचनात्मक और स्वस्थ दृष्टिकोण रखकर नाना प्रकार और रूपों में चैतन्य साहित्य की सृष्टि की गयी। फलस्वरूप प्राणवन्त साहित्य की प्रेरणा के कारण गुलामी के कष्टों और पीड़ाओं के विरुद्ध दिनों-दिन लोकभावना उग्र होती गयी और एक दिन देश स्वतन्त्र हो गया। यह भी सच है कि परन्तन्त्रता के कष्टों और अत्याचारों के प्रति विद्रोह-रागिनी ध्वनित करने वाले साहित्यकारों और प्रजाजनों की आँखों में एक सुखद भविष्य तथा स्वतन्त्र देश की गौरवमय कल्पना का चित्र झिलमिलाया करता था, जिसके प्रति उनमें अटूट विश्वास और आस्था थी। आज अगर हमारे देश का दिग्भ्रमित युवा-वर्ग सचेत हो जाए तो दहेज-रूपी कोढ़, निरक्षरता, गरीबी तथा बेरोजगारी, जो हमारे समाज में जोंक की तरह चिपकी हुई हैं, समाप्त की जा सकती हैं। नैतिक मूल्यों में जो गिरावट आयी है, भ्रष्टाचार को जो बढ़ावा मिल रहा है, वह युवा-चेतना की उदासीनता का ही परिणाम है। युवा-चेतना को यदि सही दिशा दी जाए और उनकी इस शक्ति का समुचित उपयोग किया जाए, तो निश्चय ही राष्ट्र के विकास में बहुत बड़ा सहयोग मिलेगा।'

SubQuestion No : 20

Q.20 'चैतन्य साहित्य' का अभिप्राय नहीं है-

- Ans
- ☒ 1. स्वार्थबोध उत्पन्न करने वाला साहित्य
 - ☒ 2. चेतन में होने का भाव जगाने वाला साहित्य
 - ☒ 3. सोचने-समझने की स्थिति उत्पन्न करने वाला साहित्य
 - ☒ 4. समाजबोध उत्पन्न करने वाला साहित्य

Section : Discipline1

Q.1 Which of the following is an example of a Fold Mountain?

- Ans
- ☒ 1. Mount Kilimanjaro
 - ☒ 2. Mount Fuji
 - ☒ 3. Jura Mountains
 - ☒ 4. Satpura Range

Q.2 Who coined the term 'Areal Differentiation'?

- Ans
- ☒ 1. Hartshorne
 - ☒ 2. Schaefer
 - ☒ 3. Ratzel
 - ☒ 4. Hettner

Q.3 What does the term 'Spatial Fix' refer to?

- Ans
- ☒ 1. Temporary resolution of capitalist crises by shifting investment in space
 - ☒ 2. Fixing systematic spatial inequalities for sustainable development
 - ☒ 3. Resolving the ecological imbalance through urban planning
 - ☒ 4. Revising the spatial boundaries of the nation-state

Q.4 If a location is 60° east of Greenwich, what is the local time there when it is 12:00 noon at Greenwich?

- Ans
- ☒ 1. 5:00 p.m.
 - ☒ 2. 4:00 p.m.
 - ☒ 3. 3:00 a.m.
 - ☒ 4. 3:00 p.m.

Q.5 Who developed the concept of mental map in behavioural geography?

- Ans**
-  1. Golledge and Stimson
 -  2. Koffka
 -  3. Peter Gould and Rodney White
 -  4. Boulding

Q.6 Charles Darwin's evolutionary theories are chiefly propounded in which of the following works?

- A. Origin of Species by Means of Natural Selection**
- B. Descent of Man, and Selection in Relation to Sex**
- C. Variation in Animals and Plants under Domestication**
- D. The Expression of the Emotions in Man and Animals**

- Ans**
-  1. A, C, and D
 -  2. A and D
 -  3. Only A
 -  4. A and B

Q.7 Comparing continental and oceanic crust, which of the following statements is correct?

- Ans**
-  1. Oceanic crust is thicker and more deformed.
 -  2. Oceanic crust is older and less dense.
 -  3. Continental crust is less dense and older.
 -  4. Continental crust is denser and thicker.

Q.8 Why is Venus often referred to as 'Earth's twin'?

- Ans**
-  1. It is the closest planet to Earth in terms of distance.
 -  2. It has life-supporting conditions similar to Earth.
 -  3. Its size and shape are very similar to those of Earth.
 -  4. It has the same length of day and year as Earth.

Q.9 The concept that 'space has a dual character' in behavioural geography refers to:

- Ans**
-  1. Micro and macro environmental systems
 -  2. Objective and behavioral environments
 -  3. Real and imagined environments
 -  4. Urban and rural environments

Q.10 Based on Yi-Fu Tuan's themes in humanistic geography, which of the following is NOT one of the core principles emphasized by him?

- Ans**
-  1. Spatial determinism
 -  2. Human consciousness
 -  3. Human work as an agency
 -  4. Human creativity

Q.11 On which date does the Tropic of Capricorn receive direct rays of the sun?

- Ans**
-  1. 21 March
 -  2. 22 December
 -  3. 21 June
 -  4. 23 September

Q.12 What causes the change of seasons on Earth?

- Ans**
-  1. Earth's rotation and magnetic field
 -  2. Tidal effects
 -  3. Earth's axial tilt and revolution around the Sun
 -  4. Lunar orbit

Q.13 According to Wegener, which force was responsible for the westward movement of the continents?

- Ans**
- ☐ 1. Coriolis force
 - ☒ 2. Tidal force
 - ☐ 3. Frictional force
 - ☐ 4. Gravitational force

Q.14 Who is regarded as the 'father of exceptionalism'?

- Ans**
- ☐ 1. Vidal de la Blache
 - ☒ 2. Immanuel Kant
 - ☐ 3. Carl Ritter
 - ☐ 4. Bernhard Varenus

Q.15 Behavioural geography was developed as a reaction to:

- Ans**
- ☐ 1. determinism
 - ☐ 2. possibilism
 - ☐ 3. regionalism
 - ☒ 4. quantitative revolution

Q.16 Which of the following trends categorised geography after the Second World War?

- Ans**
- ☐ 1. Environmental determinism restoration
 - ☒ 2. Quantitative Revolution
 - ☐ 3. Emphasis on regional explanation
 - ☐ 4. Classical geography revival

Q.17 How does Hartshorne primarily define the nature of geography?

- Ans**
- ☐ 1. Nomothetic science focused on general laws
 - ☐ 2. Structuralist approach to global change
 - ☐ 3. Positivist science aiming for law-making
 - ☒ 4. Idiographic discipline focused on the uniqueness of regions

Q.18 If it is noon at Greenwich, what will be the time at 15° east longitude?

- Ans**
- ☒ 1. 1:00 p.m.
 - ☐ 2. 10:00 a.m.
 - ☐ 3. 2:00 p.m.
 - ☐ 4. 11:00 a.m.

Q.19 On which date does Aphelion occur?

- Ans**
- ☐ 1. September 23
 - ☐ 2. December 21
 - ☐ 3. January 3
 - ☒ 4. July 4

Q.20 Which type of evidence did Wegener use to support his theory of continental drift?

- 1. Satellite imagery of tectonic boundaries
- 2. Deep ocean sediment samples
- 3. Distribution patterns of fossils
- 4. Present-day plant and animal species

- Ans**
- ☐ 1. 1, 2 and 4
 - ☐ 2. Only 3
 - ☐ 3. 2 and 3
 - ☒ 4. 3 and 4

Q.1 Which of the following best describes a slump?

- Ans**
- ☐ 1. Flow of saturated soil and debris
 - ☐ 2. Downward movement of debris without rotation
 - ☒ 3. Sliding of debris with a backward rotation
 - ☐ 4. Rapid free fall of rock blocks from a cliff

Q.2 What is the average rate of temperature increase in the case of Earth's interior for every 32-metre descent?

- Ans**
- ☐ 1. 7°C
 - ☐ 2. 32°C
 - ☐ 3. 4°C
 - ☒ 4. 1°C

Q.3 Which of the following best describes terrestrial radiation?

- Ans**
- ☐ 1. Radiation from the Earth's interior
 - ☐ 2. Shortwave radiation emitted by Earth's surface
 - ☐ 3. Shortwave radiation from Sun
 - ☒ 4. Longwave radiation emitted by Earth's surface

Q.4 Which two elements dominate the Earth's mantle?

- Ans**
- ☐ 1. Iron and nickel
 - ☐ 2. Calcium and potassium
 - ☒ 3. Magnesium and iron
 - ☐ 4. Sodium and aluminum

Q.5 At what stage and structure of the plate tectonic cycle does an island arc become part of a continental margin?

- Ans**
- ☐ 1. Subduction rollback marked by forearc basin development
 - ☐ 2. Passive margin formation marked by a mid-ocean ridge
 - ☒ 3. Arc-continent collision marked by ophiolite emplacement and metamorphic belts
 - ☐ 4. Strike-slip transformation marked by a shear zone complex

Q.6 In which type of region is the process of desilication most prominent?

- Ans**
- ☐ 1. Polar regions
 - ☐ 2. Temperate grasslands
 - ☒ 3. Equatorial rainy areas
 - ☐ 4. Arid deserts

Q.7 Which of the following folds is characterised by almost horizontally lying limbs?

- Ans**
- ☐ 1. Isoclinal fold
 - ☐ 2. Nappe
 - ☐ 3. Overturned fold
 - ☒ 4. Recumbent fold

Q.8 The Cocos Plate is located between which two major tectonic plates?

- Ans**
- ☐ 1. Caribbean Plate and Scotia Plate
 - ☐ 2. South America and Pacific Plate
 - ☐ 3. North America and Eurasia
 - ☒ 4. Central America and Pacific Plate

Q.9 What causes the formation of an occluded front in a temperate cyclone?

- Ans**
- ☒ 1. Cold front overtakes warm front
 - ☐ 2. Cold front and warm front diverge
 - ☐ 3. Warm front overtakes cold front
 - ☐ 4. Warm air undercuts the cold front

Q.10 What is the main difference between orogeny and epeirogeny?

- Ans**
- ☒ 1. Orogeny creates plateaus; epeirogeny folds the crust
 - ☒ 2. Orogeny causes horizontal movement; epeirogeny causes vertical movement
 - ☒ 3. Orogeny affects the ocean basins; epeirogeny affects the atmosphere
 - ☒ 4. Orogeny builds mountains; epeirogeny builds volcanoes

Q.11 Match List I and List II and select the correct option.

List I (Agent) List II (Landform)

- | | |
|-------------|----------------|
| a. Glacier | 1. Plunge Pool |
| b. River | 2. Gloop |
| c. Wind | 3. Rimaye |
| d. Sea Wave | 4. Dreikanter |

- Ans**
- ☒ 1. a-4, b-2, c-3, d-1
 - ☒ 2. a-2, b-3, c-1, d-4
 - ☒ 3. a-1, b-4, c-2, d-3
 - ☒ 4. a-3, b-1, c-4, d-2

Q.12 Match List I and List II and select the correct option.

List I (Agent) List II
(Landform)

- | | |
|-------------|----------------|
| a. Glacier | 1. Plunge Pool |
| b. River | 2. Gloop |
| c. Wind | 3. Rimaye |
| d. Sea Wave | 4. Dreikanter |

- Ans**
- ☒ 1. a-2, b-3, c-1, d-4
 - ☒ 2. a-3, b-1, c-4, d-2
 - ☒ 3. a-1, b-4, c-2, d-3
 - ☒ 4. a-4, b-2, c-3, d-1

Q.13 According to the evidence supporting continental drift theory, the gold placer deposits found in Ghana are believed to have originated from which of the following regions?

- Ans**
- ☒ 1. Brazilian Plateau
 - ☒ 2. Himalayas
 - ☒ 3. Congo Basin
 - ☒ 4. Arabian Shield

Q.14 Which atmospheric condition primarily allows jet stream disturbances to grow over time?

- Ans**
- ☒ 1. Tropopause Compression
 - ☒ 2. Isobaric Continuity
 - ☒ 3. Diabatic Cooling
 - ☒ 4. Baroclinic Instability

Q.15 Despite the high kinetic temperature in the thermosphere, why would an astronaut NOT feel hot?

- Ans**
- ☒ 1. Because temperature is irrelevant in low-pressure environments
 - ☒ 2. Because of strong UV radiation buffering
 - ☒ 3. Because the air is so rarefied that little heat is transferred
 - ☒ 4. Because the thermosphere has a negative lapse rate

Q.16 At what angle do the earthquake foci lie in cases where the lithosphere descends at the subduction zone?

- Ans**
- ☐ 1. 15°
 - ☒ 2. 45°
 - ☐ 3. 90°
 - ☐ 4. 110°

Q.17 According to Huggett (2010), what is the main characteristic of the biomantle in the context of dynamic denudation theory?

- Ans**
- ☐ 1. It is a chemically weathered zone formed entirely by epimorphic processes.
 - ☐ 2. It marks the interface where tectonic uplift meets erosion fronts.
 - ☒ 3. It is the upper soil layer formed primarily by biomechanical and bioturbation processes.
 - ☐ 4. It represents the consolidated bedrock layer beneath the subsoil.

Q.18 Select the option that is true regarding the following two statements labelled Assertion (A) and Reason (R).

Assertion (A): Earth's magnetic field is generated by motion within the liquid outer core.

Reason (R): The mantle is composed of dense basaltic rock that helps in magnetic conduction.

- Ans**
- ☐ 1. Both A and R are true, and R explains A.
 - ☒ 2. A is true, but R is false.
 - ☐ 3. Both A and R are true, but R does not explain A.
 - ☐ 4. A is false, but R is true.

Q.19 Match the discontinuities within the Earth with their location.

- | | |
|-------------------------------------|----------------------------------|
| a. Mohorovicic discontinuity | 1. Between outer and inner crust |
| b. Lehmann discontinuity | 2. Between outer and inner core |
| c. Conrad discontinuity | 3. Between crust and mantle |
| d. Weichart-Gutenberg discontinuity | 4. Between mantle and core |

- Ans**
- ☒ 1. a – 3, b – 2, c – 1, d – 4
 - ☐ 2. a – 4, b – 2, c – 3, d – 1
 - ☐ 3. a – 4, b – 1, c – 2, d – 3
 - ☐ 4. a – 1, b – 3, c – 4, d – 2

Q.20 Which of the following is the primary energy driver for an intense tropical cyclone?

- Ans**
- ☐ 1. Warm air advection from the subtropics
 - ☐ 2. Sensible heat transfer from land
 - ☐ 3. Surface friction
 - ☒ 4. Latent heat released during condensation

Section : **Discipline3**

Q.1 Which of the following programs emphasises improving the relationship between people and their environments?

- Ans**
- ☐ 1. Earth Summit Program
 - ☐ 2. Global Climate Watch
 - ☐ 3. World Heritage Ecology Project
 - ☒ 4. Man and the Biosphere (MAB) Programme

Q.2 The ecological approach emphasises:

- Ans**
- ☒ 1. rational and sustainable use of natural resources
 - ☐ 2. that man is subordinate to nature
 - ☐ 3. modern technology and man's mastery over nature
 - ☐ 4. religious belief in man's superiority over nature

Q.3 According to size, arrange the following Indian states in descending order?

Arunachal Pradesh, Bihar, Gujarat, Jharkhand, Karnataka, Manipur, Meghalaya

- Ans**
-  1. Gujarat, Karnataka, Bihar, Jharkhand, Arunachal Pradesh, Manipur, Meghalaya
 -  2. Gujarat, Karnataka, Bihar, Arunachal Pradesh, Jharkhand, Meghalaya, Manipur
 -  3. Karnataka, Gujarat, Bihar, Jharkhand, Arunachal Pradesh, Manipur, Meghalaya
 -  4. Karnataka, Gujarat, Bihar, Jharkhand, Arunachal Pradesh, Meghalaya, Manipur

Q.4 'Land of Red River and Blue Hills' refers to which Indian state?

- Ans**
-  1. West Bengal
 -  2. Manipur
 -  3. Jharkhand
 -  4. Assam

Q.5 Which type of reef is typically circular and surrounds a lagoon?

- Ans**
-  1. Barrier Reef
 -  2. Fringing Reef
 -  3. Continental Reef
 -  4. Atoll

Q.6 Which of the following is the Cold Ocean Current in the Pacific Ocean?

- Ans**
-  1. Alaska
 -  2. Kuroshio
 -  3. Kamchatka
 -  4. Falkland

Q.7 Which geological event led to the spread of the Indian Ocean?

- Ans**
-  1. Breaking of the Eurasian Plate
 -  2. Collision of the Pacific and African plates
 -  3. Rift between the African Plate and Indo-Australian Plate
 -  4. Subduction of the Atlantic Ridge

Q.8 What is the total length of India's coastline including the Andaman and Nicobar and Lakshadweep islands?

- Ans**
-  1. 11,098.81 km
 -  2. 8,250.3 km
 -  3. 6,100 km
 -  4. 7,210 km

Q.9 Which of the following economic sectors is the most significant contributor to greenhouse gas emissions globally?

- Ans**
-  1. Transport and Building
 -  2. Power/Energy
 -  3. Agriculture
 -  4. Industrial

Q.10 What is the gross productivity in an ecosystem?

- Ans**
-  1. The amount of energy transferred by the plants during the process of photosynthesis is called gross productivity.
 -  2. The amount of energy consumed by the plants during the process of photosynthesis is called gross productivity.
 -  3. The total energy produced by plants during the process of photosynthesis is called gross productivity.
 -  4. The amount of energy received by the plants during the process of photosynthesis is called gross productivity.

Q.11 Which of the following regions has the widest continental shelf in the world?

- Ans**
-  1. West coast of South America
 -  2. Agulhas Shelf of South Africa
 -  3. Siberian shelf in the Arctic Ocean
 -  4. West coast of Africa

Q.12 What is the latitudinal extent of the Indian mainland at its southernmost point?

- Ans**
-  1. 9° N
 -  2. 8°8' N
 -  3. 8°4' N
 -  4. 10° N

Q.13 The dismemberment of the mighty Indo-Brahma river system into three separate drainage systems is attributed to which geological event?

- Ans**
-  1. Eocene sea regression
 -  2. Miocene lava flows in Peninsular India
 -  3. Aravalli folding
 -  4. Pleistocene upheaval in the Western Himalayas

Q.14 What is the longitudinal extent of India from east to west?

- Ans**
-  1. 70°0'E to 100°0'E
 -  2. 60°15'E to 90°20'E
 -  3. 68°7'E to 97°25'E
 -  4. 66°5'E to 95°35'E

Q.15 Which of the following land-use changes causes the largest disruption to the biogeochemical cycle?

- Ans**
-  1. Construction of dams
 -  2. Large-scale afforestation
 -  3. Deforestation
 -  4. Expansion of wetlands

Q.16 The Ken-Betwa River link primarily aims to benefit which region?

- Ans**
-  1. Rayalaseema
 -  2. Marathwada
 -  3. Konkan
 -  4. Bundelkhand

Q.17 The Nokrek Biosphere Reserve is located in which northeastern state?

- Ans**
-  1. Nagaland
 -  2. Mizoram
 -  3. Meghalaya
 -  4. Tripura

Q.18 Which of the following sequences correctly arranges the given four Atlantic Ocean relief features from north to south?

Labrador Basin, Romanche Trench, Telegraph Plateau, Azores Rise?

- Ans**
-  1. Labrador Basin, Telegraph Plateau, Azores Rise, Romanche Trench
 -  2. Telegraph Plateau, Azores Rise, Romanche Trench, Labrador Basin
 -  3. Azores Rise, Romanche Trench, Labrador Basin, Telegraph Plateau
 -  4. Romanche Trench, Azores Rise, Telegraph Plateau, Labrador Basin

Q.19 Pir-Panjal pass is located in which of the following divisions of the Himalayas?

- Ans**
-  1. The Himachal Himalaya
 -  2. The Central Himalaya
 -  3. The Kumaun Himalaya
 -  4. The Kashmir Himalaya

Q.20 Match the tropical cyclones with their location.

- | | |
|-----------------|------------------|
| a. Hurricanes | 1. Japan |
| b. Willy-wilies | 2. Australia |
| c. Baguio | 3. Philippines |
| d. Taifu | 4. Caribbean Sea |

- Ans**
-  1. a – 3, b – 2, c – 1, d – 4
 -  2. a – 4, b – 2, c – 3, d – 1
 -  3. a – 4, b – 1, c – 2, d – 3
 -  4. a – 1, b – 3, c – 4, d – 2

Section : **Discipline4**

Q.1 Which of the following is the Indian Ocean Dipole (IOD) related to?

- Ans**
-  1. Salinity changes in the Arabian Sea
 -  2. Bursting of the tropical easterly jet stream
 -  3. Wind velocity over Bay of Bengal
 -  4. Sea surface temperature difference between the Arabian Sea and the Bay of Bengal

Q.2 Which of the following is NOT associated with rehabilitation post-disaster?

- Ans**
-  1. Repair
 -  2. Renewal
 -  3. Social recovery
 -  4. Reconstruction

Q.3 Which of the following development strategies most closely aligns with the principles of neo-determinism?

- Ans**
-  1. Adaptive development planning based on environmental feedback and thresholds
 -  2. Technologically driven interventions in complete disregard of ecological limits
 -  3. Full reliance on traditional practices regardless of modern needs
 -  4. Extractive resource use with strong economic returns

Q.4 Which agency has been designated the nodal body for landslide hazard zonation and early warnings in India?

- Ans**
-  1. National Institute of Disaster Management (NIDM)
 -  2. India Meteorological Department (IMD)
 -  3. Geological Survey of India (GSI)
 -  4. National Disaster Management Authority (NDMA)

Q.5 Cyclone Michaung, which caused major floods in December 2023, made landfall in which Indian state?

- Ans**
-  1. Karnataka
 -  2. West Bengal
 -  3. Odisha
 -  4. Andhra Pradesh

Q.6 In the post-disaster phase, which of the following is the primary focus?

- Ans**
-  1. Issuing early warnings
 -  2. Rebuilding and providing compensation
 -  3. Evacuating people
 -  4. Enforcing building codes

Q.7	In which year was the National Committee on Environmental Planning and Coordination (NCEPC) established?
Ans	✗ 1. 1978 ✗ 2. 1965 ✓ 3. 1972 ✗ 4. 1984
Q.8	Due to which of the following factors does the Indian climate have tropical and subtropical characteristics?
Ans	✗ 1. Altitude ✓ 2. Latitude ✗ 3. Ocean current ✗ 4. Pressure and wind
Q.9	The concept of 'physical environment has absolute control over the life and activity of man' is known as:
Ans	✗ 1. Neo-determinism ✗ 2. Idealism ✗ 3. Possibilism ✓ 4. Environmental Determinism
Q.10	Khadar and Bhangar are the subtypes that belong to which of the following soil types?
Ans	✗ 1. Grey and brown Soils ✓ 2. Alluvial Soils ✗ 3. Red Soils ✗ 4. Regur Soils
Q.11	Which of the following is NOT a cause of desertification?
Ans	✗ 1. Reckless tree felling ✗ 2. Population pressure ✓ 3. Contour bunding and check dams ✗ 4. Uncontrolled grazing
Q.12	Which of the following approaches in human geography focuses on 'areal differentiation'?
Ans	✗ 1. Systematic approach ✗ 2. Quantitative approach ✗ 3. Radical approach ✓ 4. Regional approach
Q.13	Which of the following thinkers is most closely associated with the idea of Lebensraum?
Ans	✗ 1. Halford Mackinder ✗ 2. David Harvey ✓ 3. Friedrich Ratzel ✗ 4. Walter Christaller
Q.14	Who among the following advocated the Idealist Approach in human geography?
Ans	✗ 1. Richard Hartshorne ✗ 2. David Harvey ✓ 3. Leonard Guelke ✗ 4. Torsten Hagerstrand

Q.15 The view 'man is like a traffic controller who can accelerate, slow, or stop down the progress, but he cannot change the direction' is associated with which concept?

- Ans**
-  1. Possibilism
 -  2. Determinism
 -  3. Neo-determinism
 -  4. Environmental Determinism

Q.16 Which of the following is NOT a natural hazard?

- Ans**
-  1. Drought
 -  2. Heat wave
 -  3. Flood
 -  4. Eutrophication

Q.17 The Great Boundary Fault (GBF) separates which two physiographic regions?

- Ans**
-  1. Aravallis and Vindhyans
 -  2. Vindhyans and Satpuras
 -  3. Lesser Himalayas and Shivalik Hills
 -  4. Himalayas and Indo-Gangetic Plain

Q.18 Which of the following statements about Peninsular India is correct?

- Ans**
-  1. Its average elevation is below 500 metres.
 -  2. It has no significant mountain ranges.
 -  3. It is composed primarily of young sedimentary rocks.
 -  4. It is the largest physiographic division of India.

Q.19 Which of the following statements accurately reflect the primary focus of human geography?

- A. It examines how societies construct places and bring space into consciousness.
B. It studies the geodetic properties of the Earth.
C. It explores the spatial distribution of social phenomena.
D. It focuses on the classification of natural landforms.

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

Q.20 Which of the following animals is conserved under the Project Hangul?

- Ans**
-  1. Brow-antlered Deer
 -  2. Snow Leopard
 -  3. Kashmir Red Stag
 -  4. Musk Deer

Section : **Discipline5**

Q.1 If a city is classified as Pf2F under Nelson's system, which of the following best describes it?

- Ans**
-  1. It is primarily a diversified city with no significant functional dominance.
 -  2. It has less than one standard deviation in both professional services and finance.
 -  3. It shows high specialisation in professional services and moderate specialisation in finance.
 -  4. It is located near rivers and hence serves both locational and cultural functions.

Q.2 The unit of measurement of the intensity of sound is named as:

- Ans**
-  1. Candela
 -  2. Hertz
 -  3. Decibel
 -  4. Decimal

Q.3 Which of the following places gained the status of urban centre after changes were made in the definition of urban places in the 1981 Census?

- Ans**
- ☐ 1. Cantonment board
 - ☐ 2. Notified area
 - ☐ 3. Municipality
 - ☒ 4. Railway colonies

Q.4 In which year was the National Smart Grid Mission (NSGM) established?

- Ans**
- ☒ 1. 2015
 - ☐ 2. 2013
 - ☐ 3. 2014
 - ☐ 4. 2016

Q.5 By liberalisation of trade, which of the following benefits can be accessed?

- Ans**
- ☐ 1. Closed market systems
 - ☐ 2. More government control over prices
 - ☐ 3. Reduction in global trade
 - ☒ 4. Competition between domestic and international goods

Q.6 Who developed the Competing Migrants Model and when?

- Ans**
- ☒ 1. Stouffer; 1960
 - ☐ 2. GK Zipf; 1940
 - ☐ 3. WJ Reilly; 1909
 - ☐ 4. Ravenstein; 1920

Q.7 In which year was the Golden Quadrilateral project launched?

- Ans**
- ☐ 1. 1999
 - ☒ 2. 2001
 - ☐ 3. 2003
 - ☐ 4. 2007

Q.8 What percentage of the world population lives in the 40° N - 60° N latitude zone?

- Ans**
- ☐ 1. 48%
 - ☐ 2. 50%
 - ☐ 3. 10%
 - ☒ 4. 30%

Q.9 Which of the following conditions is essential for a country to effectively reap the demographic dividend?

- Ans**
- ☐ 1. Low youth literacy rate
 - ☒ 2. High investment in education, health, and employment
 - ☐ 3. Rising old-age dependency ratio
 - ☐ 4. High birth and death rates

Q.10 In which year was the National Slum Development Programme (NSDP) launched?

- Ans**
- ☐ 1. 1991
 - ☐ 2. 2001
 - ☒ 3. 1996
 - ☐ 4. 2013

Q.11 Which of the following statements about hunting and gathering societies is/are correct?
A. They relied solely on wild plants and animals, with no evidence of any form of food storage or preservation.
B. Mobility was a key characteristic, mainly influenced by the seasonal availability of resources.
C. Social hierarchy in such societies was rigid and based primarily on control over land and surplus.
D. Hunting and gathering societies left no significant archaeological evidence due to their nomadic nature.

Ans ☒ 1. B only
☒ 2. A, B and D
☒ 3. A only
☒ 4. A and C

Q.12 Which Indian state has the highest population growth rate as per the Census of 2011?

Ans ☒ 1. Bihar
☒ 2. Uttar Pradesh
☒ 3. Meghalaya
☒ 4. West Bengal

Q.13 What role does the WTO dispute settlement system primarily serve?

Ans ☒ 1. Penalising members for protectionist practices
☒ 2. Enforcing trade rules and resolving conflicts
☒ 3. Regulating foreign direct investment
☒ 4. Overseeing customs procedures globally

Q.14 Red-collar workers are primarily engaged in which sector of the economy?

Ans ☒ 1. Quinary sector
☒ 2. Primary sector
☒ 3. Quaternary sector
☒ 4. Secondary sector

Q.15 Identify the correct regional match for the local name of shifting cultivation.

Ans ☒ 1. Podu – Maharashtra
☒ 2. Batra – Odisha
☒ 3. Kumari – Kerala
☒ 4. Dahiyaar – Gujarat

Q.16 What does the term 'availability' in food security refer to?

Ans ☒ 1. Food is free for all citizens
☒ 2. Number of supermarkets in urban areas
☒ 3. Adequate food supply in a country, including imports and stock
☒ 4. Export of agricultural products

Q.17 Which country is the second-largest cement producer in the world as of July 2025?

Ans ☒ 1. China
☒ 2. Vietnam
☒ 3. USA
☒ 4. India

Q.18 According to Mumford, what does the term Eopolis refer to?

Ans ☒ 1. An industrialised city
☒ 2. A small settlement with rural culture
☒ 3. A megacity
☒ 4. A capital city

Q.19 What does the Inequality-adjusted Human Development Index (IHDI) measure?

- Ans**
-  1. The difference in urban and rural development across regions
 -  2. A distribution-sensitive average level of human development
 -  3. It is an extension of HDI focusing on literacy
 -  4. Gender gaps in human development using HDI dimensions

Q.20 In which year did the Government of India announce its first industrial policy?

- Ans**
-  1. 1974
 -  2. 1956
 -  3. 1952
 -  4. 1948

Section : **Discipline6**

Q.1 Which type of relief do contours represent if there are no contours or if there are a few and are spaced widely on a topographical map?

- Ans**
-  1. Mountains
 -  2. Plain
 -  3. Plateau
 -  4. Waterfalls

Q.2 The Circum-Pacific Belt is associated with which of the following?

- Ans**
-  1. Earthquakes
 -  2. Volcanoes
 -  3. Ocean current
 -  4. Ocean ridge

Q.3 Which of the following best explains why buffer analysis creates polygon features irrespective of the original geographic feature type?

- Ans**
-  1. Because the buffer delineates a spatial proximity zone around features, which is inherently an area feature
 -  2. Because buffer analysis ignores the original feature type
 -  3. Because polygon features are easier to store in GIS databases
 -  4. Because buffers only work on point data

Q.4 Which of the following is related to the shear plate margin?

- Ans**
-  1. The San Andreas Fault
 -  2. The Peru-Chile Deep
 -  3. The Nazca plate
 -  4. The Mid-Atlantic Ridge

Q.5 Which of the following would best be represented using a multiple bar diagram?

- Ans**
-  1. Monthly rainfall in a city
 -  2. Literacy rate of one state
 -  3. Female literacy rates across different states over two census years
 -  4. National income over time

Q.6 Which statement accurately reflects the relationship between compositional and mechanical layers within the Earth's interior?

- Ans**
-  1. The mantle and lithosphere are synonymous layers.
 -  2. The lithosphere spans both crust and upper mantle, defined by rigidity.
 -  3. The lithosphere corresponds only to the Earth's crust.
 -  4. The asthenosphere is a chemical layer between the crust and the mantle.

Q.7 Where is the ground segment centre of the Indian Regional Navigation Satellite System (IRNSS) located?

- Ans**
- ☒ 1. Bengaluru
 - ☐ 2. Pokhran
 - ☐ 3. Sriharikota
 - ☐ 4. Hyderabad

Q.8 When and where was the Plus Ten Summit held?

- Ans**
- ☐ 1. Copenhagen 2009
 - ☐ 2. Stockholm 1972
 - ☐ 3. Rio de Janeiro 1992
 - ☒ 4. Johannesburg 2002

Q.9 Which of the following is NOT a purpose of the database management system (DBMS) in GIS?

- Ans**
- ☐ 1. Organising and managing spatial and attribute data
 - ☒ 2. Displaying images
 - ☐ 3. Facilitating data storage and retrieval
 - ☐ 4. Supporting query and analysis operations

Q.10 Which discontinuity marks the boundary between the Earth's crust and mantle?

- Ans**
- ☐ 1. Lehmann discontinuity
 - ☐ 2. Guttenberg discontinuity
 - ☐ 3. Conrad discontinuity
 - ☒ 4. Mohorovicic discontinuity

Q.11 For what purpose is the Stevenson Screen primarily used?

- Ans**
- ☒ 1. Protect thermometers from sunlight and precipitation
 - ☐ 2. Record rainfall
 - ☐ 3. Measure wind speed
 - ☐ 4. Indicate atmospheric pressure

Q.12 The SDG India Index measures performance across how many goals?

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

Q.13 Which of the rules DOES NOT apply to topological consistency?

- Ans**
- ☐ 1. Every arc must be bounded by two nodes.
 - ☒ 2. Every polygon has an open boundary.
 - ☐ 3. Arcs only intersect at their (bounding) nodes.
 - ☐ 4. Every arc borders two polygons.

Q.14 What are epeirogenic movements?

- Ans**
- ☐ 1. Movements related to volcanic eruptions
 - ☐ 2. Movements caused by weathering
 - ☒ 3. Gradual continent-forming movements causing uplift and subsidence
 - ☐ 4. Sudden mountain building processes

Q.15 Who defined geomorphology as the study of the Earth's surface in terms of its form, function and history?

- Ans**
- ☐ 1. Grove Karl Gilbert
 - ☐ 2. William Morris Davis
 - ☐ 3. Albrecht Penck
 - ☒ 4. Richard Chorley

Q.16 Why are geomorphological maps considered valid for natural resource management in developing countries?

- Ans**
- ☒ 1. They reflect the permanence and dynamic interactions of landforms with life and human activity.
 - ☐ 2. They focus only on economic zones and population growth.
 - ☐ 3. They replace the need for satellite imaging and GIS systems.
 - ☐ 4. They highlight temporary weather patterns like rainfall and wind.

Q.17 Particles being smaller in diameter than aerosols are called:

- Ans**
- ☐ 1. Fog
 - ☐ 2. Fumes
 - ☐ 3. Dust
 - ☒ 4. Smoke

Q.18 Two volcanoes, Volcano X and Volcano Y, are observed during eruption. The observations are as follows.

1. Volcano X erupts fluid basaltic lava through fissures, forming a broad cone with gentle slopes and little ash.
2. Volcano Y is steep-sided, erupts explosively with thick lava and ash, and consists of alternating layers of tephra and viscous lava.

Which of the following options correctly identifies these volcanoes and explains their eruptive behaviour?

- Ans**
- ☐ 1. Both are shield volcanoes formed by the eruption of rhyolitic magma under water.
 - ☐ 2. Volcano X is a cinder cone and Volcano Y is a shield volcano; fissure eruptions drive both.
 - ☒ 3. Volcano X is a shield volcano and Volcano Y is a composite volcano; viscosity and gas retention are the key factors.
 - ☐ 4. Volcano X is a composite volcano and Volcano Y is a shield volcano; their behaviour depends on gas pressure.

Q.19 Why do radar systems enable remote sensing in cloudy or rainy weather conditions?

- Ans**
- ☒ 1. The microwave radiation they use is not significantly absorbed by water.
 - ☐ 2. They rely on thermal emissions from the atmosphere.
 - ☐ 3. They use visible light that is unaffected by water vapour.
 - ☐ 4. They detect only sunlight reflected from the Earth.

Q.20 'The present is the key to the past' is the basis of which concept?

- Ans**
- ☒ 1. Uniformitarianism
 - ☐ 2. Concept of palimpsests
 - ☐ 3. Dynamic equilibrium theory
 - ☐ 4. Geographical cycle

Section : **Discipline7**

Q.1 Which of the following is preferred for estimating areal precipitation when rainfall increases with elevation?

- Ans**
- ☐ 1. Weighted Mean Method
 - ☐ 2. Thiessen Polygon Method
 - ☐ 3. Isohyetal Method
 - ☒ 4. Hypsometric Method

Q.2 The fertility measure expressed as the number of live births in a year per thousand women of normal reproductive age is known as:

- Ans**
- ☐ 1. The total fertility rate (TFR)
 - ☐ 2. Fertility ratio (FR)
 - ☐ 3. Crude birth rate (CBR)
 - ☒ 4. General fertility rate (GFR)

Q.3 Which of the following did Malthus categorise as positive checks?

- Ans**
- ☐ 1. Moral restraint and delayed marriage
 - ☐ 2. Abstinence and contraceptive use
 - ☐ 3. Birth control and celibacy
 - ☒ 4. War, disease and famine

Q.4 Which of the following is the significant character of the term 'Magnitude-Frequency-Duration' in Hydrological Studies?

- Ans**
- ☒ 1. Rainfall and River Flow Patterns
 - ☐ 2. Turbidity of River Systems
 - ☐ 3. Modelling Snowmelt Runoff
 - ☐ 4. Groundwater Sources

Q.5 In which year was the Malthusian theory of population published?

- Ans**
- ☐ 1. 1789
 - ☐ 2. 1821
 - ☐ 3. 1833
 - ☒ 4. 1798

Q.6 Which stage of Zelinsky's Mobility Transition model is marked by the net immigration of unskilled labour?

- Ans**
- ☐ 1. Phase III: Late Transitional
 - ☐ 2. Phase V: Future Super Advanced
 - ☐ 3. Phase II: Early Transitional
 - ☒ 4. Phase IV: Advanced Society

Q.7 Who introduced the concept of 'genre de vie' (way of life) in human geography?

- Ans**
- ☒ 1. Vidal de la Blache
 - ☐ 2. Brunhes
 - ☐ 3. Ratzel
 - ☐ 4. Febvre

Q.8 Which of the following is/are NOT part of Trewartha's conception of population geography?

- Ans**
- ☐ 1. Dynamics of number, size and growth
 - ☒ 2. Settlement morphology
 - ☐ 3. Qualities and regional distribution of population
 - ☐ 4. Historical account of population

Q.9 Who among the following is most closely associated with the concept of cultural ecology?

- Ans**
- ☐ 1. Taylor
 - ☐ 2. Carl Sauer
 - ☐ 3. Semple
 - ☒ 4. Julian Steward

Q.10 Which of the following is NOT related to the primary concern of hydrology?

- Ans**
- ☐ 1. Precipitation
 - ☐ 2. Infiltration
 - ☐ 3. Evaporation
 - ☒ 4. Metamorphism

Q.11 Which of the following is NOT related to the scope of the population?

- Ans**
- ☐ 1. Migration
 - ☐ 2. Composition of population
 - ☐ 3. Growth of population
 - ☒ 4. Distribution of flora and fauna

Q.12 The actual amount of water that is evaporated by the air at a given place and time is known as:

- Ans
- ☐ 1. effective evaporation
 - ☐ 2. potential evaporation
 - ☐ 3. evapotranspiration
 - ☒ 4. actual evaporation

Q.13 The pronounced youth bulge in India in the 2011 urban age-sex pyramid is indicative of which of the following?

- Ans
- ☐ 1. Decreasing infant mortality
 - ☐ 2. Skewed sex ratio due to female migration
 - ☒ 3. Demographic dividend potential
 - ☐ 4. High elderly dependency

Q.14 Why do supercooled water droplets in clouds remain in liquid form even when temperatures fall below 0°C, in the Bergeron process?

- Ans
- ☐ 1. Absence of sunlight
 - ☒ 2. Lack of freezing nuclei in the atmosphere
 - ☐ 3. Low air pressure
 - ☐ 4. High salinity

Q.15 What does the term 'interception' refer to in the context of the hydrologic cycle?

- Ans
- ☐ 1. Water absorbed by soil
 - ☒ 2. Water retained briefly by plant foliage
 - ☐ 3. Water released by plant roots
 - ☐ 4. Water entering underground aquifers

Q.16 Why are geographers uniquely suited to map human-environment relationships?

- Ans
- ☐ 1. They generalise spatial data without analysis.
 - ☐ 2. They avoid using models or data.
 - ☒ 3. They can locate, map and explain spatial distributions and variations.
 - ☐ 4. They focus on economic data.

Q.17 What are the models developed to deal with dynamic situations known as?

- Ans
- ☐ 1. Analogue models
 - ☐ 2. Scale models
 - ☒ 3. Stochastic models
 - ☐ 4. Theoretical models

Q.18 Which of the following is NOT a form of precipitation?

- Ans
- ☐ 1. Hailstorm
 - ☒ 2. Frost
 - ☐ 3. Rainfall
 - ☐ 4. Sleet

Q.19 Which of the following statements concerning Possibilism is/are correct?

Statements:

1. It is a concept first developed by Lucien Febvre in opposition to environmental determinism.

2. Possibilism emphasises the importance of choices in human activity rather than the limitations to choice.

- Ans
- ☐ 1. Only statement 2 is correct.
 - ☐ 2. Neither statement 1 nor 2 is correct.
 - ☐ 3. Only statement 1 is correct.
 - ☒ 4. Both statements 1 and 2 are correct.

Q.20 In which Census year was the reason for migration first included in India's population statistics?

- Ans**
- ☒ 1. 1981
 - ☐ 2. 1961
 - ☐ 3. 1991
 - ☐ 4. 1971

Section : **Discipline8**

Q.1 The quote 'there are no necessities but everywhere possibilities' is attributed to:

- Ans**
- ☐ 1. Carl Ritter
 - ☐ 2. Vidal de la Blache
 - ☒ 3. Lucien Febvre
 - ☐ 4. Ellen Semple

Q.2 According to Mackinder's theory, which of the following are designated as part of the 'Outer or Insular Crescent'?

- Ans**
- ☐ 1. Only North America and Europe
 - ☐ 2. Russia and China
 - ☒ 3. Americas, Australia, Sub-Saharan Africa, British Isles, Japan
 - ☐ 4. Middle East and North Africa

Q.3 Which of the following best describes the relationship between epistemology and ontology in social geography?

- Ans**
- ☐ 1. Epistemology is entirely independent of ontological assumptions.
 - ☒ 2. Epistemological approaches are deeply connected to ontological understandings.
 - ☐ 3. Ontology governs methodological neutrality in social geography.
 - ☐ 4. Ontology is irrelevant in empirical social geographic work.

Q.4 What is the principle of Pareto Optimality as applied in social geography?

- Ans**
- ☐ 1. Maximising state control over resources
 - ☐ 2. Everyone must receive identical benefits
 - ☐ 3. Reducing inequality by taking from the rich
 - ☒ 4. Ensuring reallocation benefits some without hurting others

Q.5 In which year did Mackinder rename the 'pivot region' as the Heartland?

- Ans**
- ☐ 1. 1904
 - ☐ 2. 1920
 - ☒ 3. 1919
 - ☐ 4. 1943

Q.6 Analytical biogeography:

- Ans**
- ☐ 1. deals with the relationships between life and the complex environmental system
 - ☐ 2. studies the global long-term impact on the environment
 - ☐ 3. explores the long-term evolution of life
 - ☒ 4. examines where organisms live today and how they disperse

Q.7 A Rotameter is an instrument that:

- Ans**
- ☐ 1. is used to measure area
 - ☒ 2. has zigzag features
 - ☐ 3. is used to calculate slope
 - ☐ 4. is used to determine direction

Q.8 Which of the following best illustrates Lamarck's concept of 'use and disuse'?

- Ans**
- ☐ 1. Pea plants passing dominant traits
 - ☐ 2. Evolution through natural selection
 - ☐ 3. A child inherits blue eyes from a parent
 - ☒ 4. Giraffes developing longer necks from repeated stretching

Q.9 Which of the following is NOT correctly matched?

- Ans**
- ☐ 1. Pediplanation Theory: King
 - ☐ 2. Rimland Theory: Spykman
 - ☒ 3. Progressive Wave Theory: Kjellen
 - ☐ 4. Growth Pole Theory: Perroux

Q.10 What was John Snow's main contribution to medical geography?

- Ans**
- ☐ 1. Classifying diseases by symptoms
 - ☒ 2. Using maps to locate disease sources
 - ☐ 3. Mapping hospital locations across London
 - ☐ 4. Tracking migration of medical professionals

Q.11 Which of the following is NOT an institutional factor affecting agricultural patterns?

- Ans**
- ☐ 1. Marketing facilities
 - ☒ 2. Land utilisation
 - ☐ 3. Government policies
 - ☐ 4. Size of landholdings

Q.12 According to Von Thunen's model, which of the following products is/are most likely to be grown closest to the market?

- Ans**
- ☐ 1. Wheat
 - ☒ 2. Milk and Vegetables
 - ☐ 3. Livestock ranching
 - ☐ 4. Wood

Q.13 What is the effect of excessive soil moisture on plant roots?

- Ans**
- ☒ 1. Forms toxic compounds
 - ☐ 2. Increases leaf growth
 - ☐ 3. Prevents growth of bacteria
 - ☐ 4. Enhances oxygen levels

Q.14 Which of the following is NOT a component of Social Well-Being?

- Ans**
- ☒ 1. Technological Innovation and Artificial Intelligence
 - ☐ 2. Social Reconstruction
 - ☐ 3. Access to and Delivery of Basic Needs Services
 - ☐ 4. Access to and Delivery of Education

Q.15 Who propounded the theory of Lebensraum?

- Ans**
- ☐ 1. Halford Mackinder
 - ☒ 2. Friedrich Ratzel
 - ☐ 3. Geoffrey Parker
 - ☐ 4. Nicholas Spykman

Q.16 Who wrote the book 'Geographical Aspects of Health and Disease in India'?

- Ans**
- ☐ 1. RP Misra
 - ☐ 2. Jennie Naidoo and Helen Hazen
 - ☐ 3. Nilofar Izhar
 - ☒ 4. Andrew Learmonth and Rais Akhtar

Q.17 What does the term 'exceptionalism in geography' imply?

- Ans**
- ☐ 1. Geography is fully deterministic
 - ☒ 2. Geography is only about regional uniqueness and cannot form general laws
 - ☐ 3. Geography uses tools that other sciences cannot
 - ☐ 4. Geography must depend on economic principles

Q.18 Which of the following organisms is classified as a tertiary consumer in a typical food web?

- Ans**
- ☐ 1. Decomposer
 - ☒ 2. Top carnivore
 - ☐ 3. Herbivore
 - ☐ 4. Primary producer

Q.19 Which of the following best defines a nation?

- Ans**
- ☐ 1. A military-controlled region
 - ☒ 2. A group of people sharing a cultural or historical identity
 - ☐ 3. A political unit recognised by the UN
 - ☐ 4. A territory governed by a sovereign authority

Q.20 Which of the following factors did NOT belong to the physical factors in agriculture?

- Ans**
- ☐ 1. Climate
 - ☒ 2. Land tenancy
 - ☐ 3. Altitude
 - ☐ 4. Drought

Section : **Discipline9**

Q.1 What does the term socio-natural hazards refer to?

- Ans**
- ☐ 1. Hazards caused only by social behavior
 - ☒ 2. Hazards triggered by natural events but intensified by human actions
 - ☐ 3. Hazards caused by human misconduct
 - ☐ 4. Hazards that occur naturally and independently

Q.2 Which of the following is true regarding the scale-dependent variation of map symbols?

- Ans**
- ☐ 1. Only dot symbols are affected by changes in scale.
 - ☐ 2. Small-scale maps show more diverse types of symbols.
 - ☒ 3. Larger scales allow for finer, more detailed symbolisation.
 - ☐ 4. Map symbols are fixed and universal, regardless of scale.

Q.3 Which of the following represents the correct sequence of spatial data in a Geographic Information System (GIS)?

- Ans**
- ☐ 1. Processing, Acquiring, Storing, Querying, Displaying, Creating, Analyzing
 - ☐ 2. Acquiring, Querying, Processing, Storing, Creating, Displaying, Analyzing
 - ☒ 3. Acquiring, Processing, Storing, Querying, Creating, Analyzing, Displaying
 - ☐ 4. Querying, Storing, Acquiring, Creating, Processing, Displaying, Analyzing

Q.4 Which of the following combinations includes variables related to environmental hazard?

- Ans**
- ☐ 1. Risk, Frequency, Vulnerability and Probability
 - ☒ 2. Risk, Exposure, Vulnerability and Response
 - ☐ 3. Risk, Exposure and Vulnerability
 - ☐ 4. Risk, Consequences and Vulnerability

Q.5 What does a black square with RS represent in the topographic map?

- Ans**
-  1. Rock shelter
 -  2. Rest house
 -  3. Railway line with station
 -  4. Railway line

Q.6 What is the standard forward and lateral overlap recommended in aerial photography?

- Ans**
-  1. 50% forward, 40% lateral
 -  2. 70% forward, 35% lateral
 -  3. 30% forward, 10% lateral
 -  4. 60% forward, 25% lateral

Q.7 What is 'weeding' in GIS data editing?

- Ans**
-  1. Filtering raster data to improve clarity
 -  2. Removing unnecessary attribute columns
 -  3. Applying colour filters to maps
 -  4. Eliminating excess coordinates in a line

Q.8 Which property of vegetation is crucial for identifying it in remote sensing images?

- Ans**
-  1. Strong reflectance in the near-infrared range
 -  2. Low reflectivity in near-infrared bands
 -  3. Uniform reflection across visible spectrum
 -  4. High emissivity in thermal infrared range

Q.9 Which of the following properties is best described by Isotach maps?

- Ans**
-  1. Temperature of soil
 -  2. Precipitation
 -  3. Fluid velocity
 -  4. Topographic contour

Q.10 When is fuzzy matching useful in GIS?

- Ans**
-  1. Files are in different formats.
 -  2. Data layers represent overlapping but not identical spatial features.
 -  3. Boundaries of different datasets do not align perfectly.
 -  4. Data is collected during different seasons.

Q.11 How many UNESCO World Heritage Sites are there in India currently (2025)?

- Ans**
-  1. 39
 -  2. 38
 -  3. 44
 -  4. 40

Q.12 Which of the following best defines the Electromagnetic Spectrum?

- Ans**
-  1. A plot of temperature variation on Earth's surface
 -  2. A diagram showing energy stored in batteries
 -  3. A range of sound waves in the atmosphere
 -  4. A range of energy waves grouped by wavelength and frequency

Q.13 The Kanchanjunga peak is located in which of the divisions of the Himalayas?

- Ans**
-  1. The Lesser Himalayas
 -  2. The Greater Himalayas
 -  3. The Outer Himalayas
 -  4. The Trans-Himalayas

Q.14 What are the photographs that are taken at a certain angle with respect to the ground surface known as?

- Ans**
- ☒ 1. Oblique aerial photographs
 - ☐ 2. Trimetrogon
 - ☐ 3. Vertical aerial photographs
 - ☐ 4. Ortho-rectified vertical

Q.15 Which of the following ranges is NOT a part of the Trans-Himalayas?

- Ans**
- ☐ 1. Zaskar Range
 - ☐ 2. Ladakh Range
 - ☒ 3. Pir Panjal Range
 - ☐ 4. Karakoram Range

Q.16 How is direction defined on a map?

- Ans**
- ☒ 1. The angle between north and other directions
 - ☐ 2. Distance between two features
 - ☐ 3. Position of rivers and mountains
 - ☐ 4. The total area under observation

Q.17 Which of the following electromagnetic ranges is utilised in active remote sensing techniques?

- Ans**
- ☐ 1. Infrared
 - ☐ 2. Ultraviolet
 - ☒ 3. Microwave
 - ☐ 4. Visible

Q.18 What is the Representative Fraction (RF) of the scale 1 cm = 5 km?

- Ans**
- ☐ 1. 1 : 50,00,000
 - ☐ 2. 1 : 50,000
 - ☐ 3. 1 : 5,000
 - ☒ 4. 1 : 5,00,000

Q.19 How can disasters affect the planning and implementation of national development plans?

- Ans**
- ☐ 1. By eliminating interest from international donors
 - ☐ 2. By increasing the frequency of natural hazards
 - ☒ 3. By disrupting current plans and complicating projections for plans
 - ☐ 4. By invalidating all previous policy frameworks

Q.20 In a map with a scale of 1:3,000,000, how is a river typically represented?

- Ans**
- ☒ 1. As a simplified single line indicating the general flow
 - ☐ 2. As a detailed cross-section including depth contours
 - ☐ 3. With a narrow shaded band indicating current speed
 - ☐ 4. As elevation lines and valley shading

Section : Teaching Methodology

Q.1 Which of the following is a receptive skill?

- Ans**
- ☒ 1. Reading
 - ☐ 2. Speaking
 - ☐ 3. Writing
 - ☐ 4. Singing

Q.2 Which of the following does NOT strengthen the gender stereotypes elaborated in books?

- Ans**
- ☐ 1. Gendered texts
 - ☐ 2. Gendered characters
 - ☒ 3. Gender-neutral games
 - ☐ 4. Gendered symbols

Q.3 The concept of multiple intelligences was introduced by:

- Ans**
- ☒ 1. Howard Gardner
 - ☐ 2. B F Skinner
 - ☐ 3. Alfred Binet
 - ☐ 4. Jean Piaget

Q.4 Which of the following is NOT a type of programming in Programmed Instruction, when used as a Learning Resource?

- Ans**
- ☒ 1. Circular
 - ☐ 2. Linear
 - ☐ 3. Mathetics
 - ☐ 4. Branching

Q.5 What does subject pedagogy primarily refer to?

- Ans**
- ☐ 1. Textbook writing skills specific to a subject
 - ☐ 2. Administrative skills specific to an institution
 - ☐ 3. Testing methods specific to a subject
 - ☒ 4. Teaching methods specific to a subject

Q.6 Which term refers to the relationships and interactions between, and among, boys, girls, women, and men?

- Ans**
- ☐ 1. Gender Analysis
 - ☐ 2. Gender Parity
 - ☐ 3. Gender Awareness
 - ☒ 4. Gender Dynamics

Q.7 The principle of least restrictive environment (LRE) in inclusive education suggests which of the following?

- Ans**
- ☐ 1. Teachers must work alone without resource support in a restrictive environment
 - ☐ 2. Students with disabilities must be in isolated settings
 - ☐ 3. All students must learn at home without any restriction
 - ☒ 4. Students with disabilities should be educated with peers as much as possible

Q.8 Which of the given statements is true about the interrelationship between growth and development?

- Ans**
- ☐ 1. Growth is a cause of all development.
 - ☐ 2. Growth and development are the same process.
 - ☒ 3. Development can occur without physical growth.
 - ☐ 4. Growth continues till death.

Q.9 Which of the following variables does NOT influence planning decisions taken by individual teachers?

- Ans**
- ☒ 1. Parents' mindset
 - ☐ 2. The learning context
 - ☐ 3. Learning resources
 - ☐ 4. Time management

Q.10 Which of the following makes the Right to Education Act, 2009 unique?

- Ans**
- ☒ 1. Emphasis on Inclusive Education
 - ☐ 2. Promoting Residential Schools
 - ☐ 3. Exclusion of Special Needs
 - ☐ 4. Focus on Economic Status

Q.11 The "Jigsaw" teaching strategy is an example of which type of learning?

- Ans**
- ☒ 1. Cooperative learning
 - ☐ 2. Lecture-based learning
 - ☐ 3. Direct instruction
 - ☐ 4. Individualistic learning

Q.12 An assessment designed to locate specific learning difficulties in the case of a specific individual, at a specific stage of learning, is termed _____ test.

- Ans**
- ☐ 1. achievement
 - ☐ 2. non-standardised
 - ☒ 3. diagnostic
 - ☐ 4. standardised

Q.13 Which of the following is NOT considered as one of the three kinds of subject matter knowledge that school teachers must have?

- Ans**
- ☐ 1. Content
 - ☐ 2. Pedagogy
 - ☐ 3. Curricular
 - ☒ 4. School

Q.14 In which approach of learning is the learner's intention just to complete the task requirements?

- Ans**
- ☒ 1. Surface approach
 - ☐ 2. Reflective approach
 - ☐ 3. Strategic approach
 - ☐ 4. Deep approach

Q.15 "It is a learning force which affects desired response more frequently by providing a reinforcing stimulus immediately following the response" - This description relates with:

- Ans**
- ☐ 1. Reinforcement conditioning
 - ☐ 2. Stimulus conditioning
 - ☒ 3. Operant conditioning
 - ☐ 4. Response conditioning

Q.16 According to Bentley Glass, "the amount of scientific knowledge available at the end of one's life will be almost one hundred times what it was, when he was born". How is this phenomenon defined?

- Ans**
- ☐ 1. Plurality of Knowledge
 - ☐ 2. Integration of Knowledge
 - ☒ 3. Explosion of Knowledge
 - ☐ 4. Specialisation of Knowledge

Q.17 Which type of evaluation is used to compare an individual's performance with that of others?

- Ans**
- ☒ 1. Norm referenced evaluation
 - ☐ 2. Criterion referenced evaluation
 - ☐ 3. Prognostic evaluation
 - ☐ 4. Continuous evaluation

Q.18 Which principle addresses the idea that a curriculum should reflect the socio-cultural context of learners?

- Ans**
-  1. Principle of economy
 -  2. Principle of utility
 -  3. Principle of evaluation
 -  4. Principle of relevance

Q.19 Which psychologist proposed the theory, “Operant Conditioning Theory of Learning”?

- Ans**
-  1. B F Skinner
 -  2. Carl Rogers
 -  3. Lev Vygotsky
 -  4. J B Watson

Q.20 Which philosopher emphasised that aesthetic experience is a form of deep engagement with the world?

- Ans**
-  1. B F Skinner
 -  2. Ivan Pavlov
 -  3. Jean Piaget
 -  4. John Dewey