

FORTUNE IAS ACADEMY

FORTUNE PRELIMS TEST SERIES 2025

COMPREHENSIVE TEST 02

GENERAL STUDIES

PAPER – II

Time Allotted: 2 Hours

Maximum Marks: 200

INSTRUCTIONS

1. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS TEST BOOKLET DOES *NOT* HAVE ANY UNPRINTED OR TORN OR MISSING PAGES OR ITEMS, ETC. IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET.
2. You have to enter your Roll Number on the Test Booklet in the Box provided alongside.
3. DO NOT Write anything else on the Test Booklet.
4. This Booklet contains **80** Items (*Questions*). Each item is printed ONLY IN ENGLISH. Each item comprises four responses (*Options*). You shall select the response which you want to mark on the Answer Sheet. In case you feel that there is more than one correct response for an item, mark the response which you consider the best. In any case, choose ONLY ONE response per item.
5. You have to mark all your responses ONLY on the separate Answer Sheet provided.
6. All items carry equal marks.
7. Before you proceed to mark in the Answer Sheet the response to various items in the Test Booklet, you have to fill in some particulars in the Answer Sheet as per instructions sent to you with your Admission Certificate.
8. After you have completed filling in all your responses on the Answer Sheet and the examination has concluded, you should hand over to the Invigilator *Only the Answer Sheet*. You are permitted to take away with you the Test Booklet.
9. Sheets for rough work are appended in the Test Booklet at the end.
10. Penalty for wrong answers: "Achieve your Dreams with Fortune"

THERE WILL BE PENALTY FOR WRONG ANSWERS MARKED BY A CANDIDATE IN THE OBJECTIVE TYPE QUESTION PAPER.

- (a) There are four alternatives for the answer to every question. For each question which has a penalty for which a wrong answer has been given by the candidate, **one-third of the marks assigned to that question will be deducted as penalty.**
- (b) If a candidate gives more than one answer, it will be treated as a wrong answer even if one of the given answers happens to be correct and there will be same penalty as above to that question, if it has a penalty.
- (c) If a question is left blank, i.e., no answer is given by the candidate, there will be no penalty for that question.



Read the following two passages and answer the items that follow the passages. Your answers to these items should be based on the passages only.

PASSAGE – 1

A survey of socio-economic backwardness was expected to reveal that a large section of society lives in precarious conditions, with the benefits of economic liberalization, state welfare policies, and development initiatives failing to reach them. The social justice movement faces limited support from civil society groups, driven by apprehensions and a lack of understanding of its political ethics. Additionally, poor networking among activists, Non-Governmental Organisations (NGO), political influencers, and others working with marginalized communities has hindered efforts to highlight the importance of social justice issues.

1) Based on the above passage, the following assumptions have been made:

1. A significant portion of the population continues to live in marginalized conditions.
2. The social justice movement lacks widespread support due to inadequate understanding.
3. Improved coordination among activists, NGOs, and influencers could enhance advocacy efforts for marginalized communities.

Which of the above assumptions is/are valid?

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1 only
- (d) All of the above

2) Which one of the following statements best reflects the crux of the passage?

- (a) Poor networking among activists has slowed down efforts for social justice.
- (b) Economic liberalization and welfare policies have failed to uplift marginalized communities.

- (c) Coordinated approach and better advocacy are essential to address social justice issues.
- (d) Apprehensions and limited understanding hinder support for the social justice movement.

PASSAGE – 2

Indian education has made significant strides over the past seven decades, with literacy rates rising from 18% in 1951 to 77.7% in 2022. While successive governments have worked to make education accessible to all, the system still focuses heavily on degrees, marks, and ranks. This approach overlooks the social and emotional well-being of young people, failing to prepare them for the challenges of the 21st century. There is an urgent need to shift the focus from academic performance to equipping students with life skills. Education must become student-led, relevant, and inclusive, with an emphasis on equity, dignity, and empowerment for all.

3) Based on the above passage, the following assumptions have been made:

1. Literacy rates in India have increased over the years, showing progress in education.
2. The education system's focus on academic performance is sufficient for preparing students for the future.
3. There is a need to move beyond traditional academic metrics and focus on equipping students with life skills.

Which of the above assumptions is/are valid?

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1 and 3 only
- (d) All of the above



- 4) Which one of the following statements best reflects the crux of the passage?
- (a) Literacy rates in India are the sole measure of the country's educational success.
 - (b) The education system in India is adequately preparing students for modern challenges through its focus on academic performance.
 - (c) The shift towards student-led education is unnecessary as long as academic performance remains the central focus.
 - (d) The current educational focus on degrees and marks must evolve to incorporate life skills and emotional well-being.
- 5) X is a positive integer, which is a product of two prime numbers, which of the following cannot be a value of X?
- (a) 46
 - (b) 91
 - (c) 143
 - (d) 153
- 6) A Question is given followed by two Statements I and II. Consider the Question and the Statements.
- Question:** Is x an even integer?
- Statement 1:** $x + y$ is an even integer
- Statement 2:** $x - y$ is an even integer
- Which one of the following is correct in respect of the question and the statements?
- (a) Statement-1 alone is sufficient to answer the question
 - (b) Statement-2 alone is sufficient to answer the question
 - (c) Both Statement-1 and Statement-2 are sufficient to answer the question
 - (d) Both Statement-1 and Statement-2 are not sufficient to answer the question.
- 7) What is the units digit of the given expression
- $$91 \times 92 \times 93 \times 94 \times 96 \times 97 \times 97 \times 98 \times 99$$
- (a) 0
 - (b) 6
 - (c) 2
 - (d) 4
- 8) What is the smallest number greater than 3000 that, when divided by any one of the numbers 5, 7, 9, 11 will leave a remainder of 3?
- (a) 3468
 - (b) 3478
 - (c) 3488
 - (d) 3498
- 9) Find the total number of perfect cubes that are three-digit and four-digit natural numbers.
- (a) 16
 - (b) 17
 - (c) 22
 - (d) 18
- 10) A Question is given followed by three Statements I and II and III. Consider the Question and the Statements.
- Question:** What time would B require to do a work
- Statement 1:** A can do as much work in 6 days as C in 10 days.
- Statement 2:** B can do as much work in 6 days as C can do in 4 days.
- Statement 3:** A alone takes 48 days to finish the work
- Which one of the following is correct in respect of the above Question and the Statements?
- (a) The Question can be answered by using any two of the three statements
 - (b) The Question can be answered by using either Statement alone
 - (c) The Question can be answered by using all the Statements together,
 - (d) The Question cannot be answered even by using all the Statements together



Read the following two passages and answer the items that follow. Your answers to these items should be based on the passages only.

PASSAGE – 3

The government has emphasized that India's enhanced climate goals demonstrate its commitment to decoupling economic growth from greenhouse gas emissions. These targets were set after carefully considering national circumstances and the principle of common but differentiated responsibilities. This restatement of goals is particularly significant as the world, still recovering from the pandemic, has seen reduced climate action and a tendency to backtrack on promises. India faces the unique challenge of balancing its climate obligations with the need to accelerate growth for poverty eradication. While progress has been slow, the key tasks lie ahead. The government stresses that developed nations must meet their obligations by removing financial and technological barriers, enabling developing countries to implement their climate plans. However, India has not tied this need directly to its own commitments, asserting that while global cooperation is crucial, the West should lead the effort.

- 11)** Which of the following is the most crucial and logical inference that can be made from the above passage?
- India is solely focused on reducing greenhouse gas emissions without concern for its economic growth.
 - Developed nations should take the lead in meeting climate goals and provide support to developing nations.
 - India has committed to reducing emissions without regard to its development goals.
 - Global climate action has been completely stalled due to the pandemic.

- 12)** Based on the above passage, the following assumptions have been made:
- India's enhanced climate goals are solely dependent on financial and technological support from developed nations.
 - India faces a unique challenge of balancing climate obligations with the need for rapid economic growth.
 - Developed countries have met their climate obligations, reducing the need for further action.

Which of the above assumptions is/are valid?

- 1 and 2 only
- 1 and 3 only
- 2 only
- All of the above

PASSAGE – 4

The debate over merit, especially in the context of reservations, often overlooks the role of power and privilege in the State apparatus. A key but under-discussed factor is the growing influence of India's corporate sector. Wealth is often passed down without taxes, preserving the power of influential families and bypassing efforts against nepotism. However, the corporate sector is beginning to address governance issues internally, highlighting the need for reforms in both public and private sectors to ensure fairness and accountability.

- 13)** Based on the above passage, the following assumptions have been made:
- The growing influence of India's corporate sector directly contributes to preserving the power of influential families.
 - The corporate sector's internal governance reforms are enough to address fairness and accountability issues.
 - Public and private sectors must undergo reforms to eliminate the role of power and privilege in governance.



Which of the above assumptions is/are valid?

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1 and 3 only
- (d) All of the above

14) Which one of the following statements best reflects the crux of the passage?

- (a) Reservations are the only solution to address inequality and merit-based issues in India.
- (b) The corporate sector in India is completely free of nepotism and governance issues.
- (c) Power and privilege, particularly in the corporate sector, play a significant role in perpetuating inequality, necessitating reforms.
- (d) India's corporate sector has addressed governance and fairness challenges internally.

15) Let a , b and c be distinct integers where a and b are odd and positive and c is even and positive. Which one of the following statements cannot be true?

- (a) $b \times (a - c)$ is odd
- (b) $b^2 \times (a - c)$ is odd
- (c) $b \times (a - c)^2$ is even
- (d) $c \times (a - b)^2$ is even

16) What is the last nonzero digit of the product: $25^{50} \times 16^{45} \times 9^{75}$?

- (a) 5
- (b) 4
- (c) 3
- (d) 8

17) How many factors of 2160 are perfect cubes?

- (a) 2
- (b) 3
- (c) 4
- (d) 5

18) How many factors of $2^4 \times 3^2 \times 7^3$ are odd numbers?

- (a) 8
- (b) 12
- (c) 15
- (d) 18

19) Question: Is $x^3 > x^2$?

Statement 1: $x > 0$

Statement 2: $x < 1$

Which one of the following is **correct** in respect of the above question and the statements?

- (a) The question can be answered by using one of the statements alone but cannot be answered by using the other statement alone
- (b) The question can be answered by using either statement alone
- (c) The question can be answered by using both statements together, but cannot be solved using either statement alone
- (d) The question cannot be answered even using both the statements together

20) What is the remainder when $97 \times 103 \times 107 \times 110 \times 115$ is divided by 50?

- (a) 0
- (b) 1
- (c) 2
- (d) 3

Read the following two passages and answer the items that follow the passages. Your answers to these items should be based on the passages only.

PASSAGE - 5

India has the largest youth population in the world, with 356 million people aged 10-24, according to a United Nations report. However, the physical and mental well-being of this demographic is concerning due to challenges in health, education, and hygiene. Issues like lack of inclusive education, malnutrition, smartphone



addiction, gender bias, and unrestricted access to adult content negatively impact their growth. To harness the potential of its youthful population and achieve demographic dividends, India must address these critical challenges to ensure healthy development for children and youth.

21) Based on the above passage, which of the following statements is/are true?

1. Addressing mental health and education issues will directly lead to an increase in India's economic output.
2. The expansion of digital technologies may exacerbate the social challenges faced by India's youth.
3. The challenges faced by India's youth are primarily external and stem from social and technological changes.

Select the correct answer using the code given below:

- (a) 1 only
- (b) 2 only
- (c) 2 and 3 only
- (d) 1 and 2 only

22) Which one of the following statements best reflects the crux of the passage?

- (a) The United Nations report highlights the need for better education and hygiene to address malnutrition among Indian youth.
- (b) Smartphone addiction and gender bias are the primary factors affecting the mental well-being of India's youth.
- (c) India's youth population is the largest in the world, but its potential is hindered by challenges in health, education, and hygiene, etc.
- (d) India must focus on inclusive education and restrict access to adult content to ensure the healthy development of its youth.

PASSAGE - 6

The latest National Crime Records Bureau (NCRB) report reveals concerning trends, especially the rise in suicide rates, with a notably higher rate among daily wage-earners. The suicide rate of 12 per lakh population is the highest in years. Despite various government welfare schemes aimed at helping the underprivileged, many have not reached those in need. The crisis for daily wage-earners, which began before the pandemic, is reflected in the steady increase in suicides since 2014. While economic deprivation is a significant cause, the absence of personal, family, and social support systems also contributes to these tragic decisions.

23) Which one of the following statements best reflects the crux of the passage?

- (a) While economic deprivation is a significant factor, the absence of support systems has compounded the crisis.
- (b) The steady increase in suicides since 2014 among daily wage-earners is primarily due to the failure of government welfare schemes.
- (c) The pandemic has exacerbated the crisis for daily wage-earners, resulting in the highest suicide rate in years.
- (d) The NCRB report emphasizes the need for stronger social support systems to prevent suicides among underprivileged populations.

24) Consider a large number $M=12345678910111213.....149150$, formed by consecutively writing the first 150 natural numbers. What will be the 250th digit of M ?

- (a) 7
- (b) 5
- (c) 3
- (d) 1



25) What is the unit digit in the expansion of $42957^{6 \times 4 \times 2}$?

- (a) 1
- (b) 3
- (c) 7
- (d) 9

26) A 3-digit number ABC, on multiplication with D gives 46DD where A, B, C and D are different non-zero digits. What is the value of $(A + B) \times (C + D)$?

- (a) 36
- (b) 48
- (c) 64
- (d) 72

27) A teacher is typing the roll numbers of students in a class. How many digits does she need to type while typing from 1 to 150?

- (a) 320
- (b) 342
- (c) 350
- (d) 360

28) Consider the following three Statements I and II and III.

Statement 1: 6 is the lowest triangular number, which is not a prime number.

Statement 2: 11 and 13 are the lowest twin prime numbers

Statement 3: Co-prime numbers are those prime numbers whose HCF is 1.

Which one of the following is **correct** in respect of the Statements?

- (a) None is true
- (b) Only one statement is true
- (c) Only one statement is false
- (d) No statement is false

29) Let P be a two digit number and Q be the number consisting of the same digits in reverse order.

If $P \times Q = 3640$, find $P+Q$

- (a) 99
- (b) 121
- (c) 132
- (d) 143

30) Let N be a number formed by writing all natural numbers till 100. What is the sum of all digits of N?

- (a) 801
- (b) 856
- (c) 900
- (d) 901

Read the following two passages and answer the items that follow the passages. Your answers to these items should be based on the passages only.

PASSAGE – 7

Ensuring access to nutritious food depends on improving the yield and quality of agricultural produce. While methods like organic farming hold promise, relying solely on one approach, as seen in Sri Lanka, can jeopardize food security. A gradual, balanced strategy combining organic, natural, and technology-driven farming, including the use of genetically modified crops, is essential to address challenges like pests, soil degradation, and growing population demands while maintaining national food security.

31) Based on the above passage, the following assumptions have been made:

1. The over emphasis on adoption of organic farming may lead to food security issues.
2. Technological advancements like genetically modified crops, can solve food security challenges by addressing pests and soil degradation.
3. The use of genetically modified crops is a necessary component of modern agricultural strategies.

Which of the above assumptions is/are valid?

- (a) 1 and 2 only
- (b) 3 and 2 only
- (c) 2 only
- (d) All of the above



32) Which one of the following statements best reflects the crux of the passage?

- (a) A balanced farming strategy is critical to addressing diverse agricultural challenges without compromising food security.
- (b) Sri Lanka's farming crisis illustrates the perils of rejecting technological advancements in agriculture.
- (c) Food security can only be ensured through widespread adoption of genetically modified crops.
- (d) Organic farming, when complemented with high-tech methods, is the only sustainable solution to global food demands.

PASSAGE – 8

The current season has seen a significant reduction in the area under kharif crops, which is expected to impact agricultural output across the country. Rice, the main kharif crop, has seen a 10 percent decrease in acreage, with pulses also experiencing a decline. This is primarily due to the uneven monsoon. While the monsoon may revive by September-October, farmers will only be able to plant short-duration paddy varieties, which have lower yields. As a result, an overall decline in crop output is expected, with rice production alone estimated to drop by about 8 million tonnes.

33) Based on the above passage, which of the following statements is/are true?

1. The decline in kharif crop acreage will be fully compensated by increased short-duration paddy cultivation.
2. The monsoon revival in September-October will prevent any significant drop in rice production.
3. The reduction in agricultural output is expected to have a cascading impact on food security and inflation.

Select the correct answer using the code given below:

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 3 only
- (d) None of the above

34) Which one of the following statements best reflects the crux of the passage?

- (a) Erratic monsoon patterns necessitate a nationwide shift towards short-duration crop varieties to safeguard food security.
- (b) The uneven distribution of monsoon rains has exacerbated the vulnerability of India's kharif cropping system.
- (c) Short-duration paddy varieties have proven inadequate to counter the challenges posed by irregular monsoon patterns.
- (d) India's agricultural challenges stem more from crop selection than climatic unpredictability.

35) A is a three-digit number and B is obtained by reversing the digits of A. If $B > A$ and $B - A$ is perfectly divisible by 5, then which of the following is correct?

Statement 1: $101 < A < 555$

Statement 2: $202 < A < 444$

Select the correct answer using the code given below:

- (a) Only 1
- (b) Only 2
- (c) Both 1 and 2
- (d) Neither 1 nor 2

36) The unit digit of $123^{123} + 234^{234} + 345^{345}$ is

- (a) Prime number
- (b) Composite number
- (c) Perfect square
- (d) Neither prime nor composite



37) Consider the following including the Question and the Statements:

Question: Find the age of Rahul?

Statement 1: Six years ago, Ajay was as old as Rahul is at present.

Statement 2: Soniya's present age is three times Ajay's present age.

Statement 3: The average age of Rahul and Soniya is 23 years.

Which one of the following is correct in respect of the above Question and Statements?

- (a) Any two statements are sufficient to find the answer.
- (b) All of three statements are necessary to find the answer.
- (c) Only Statement 1 is sufficient to find the answer.
- (d) All the 3 statements together are not sufficient to find the answer.

38) Students of a class are made to stand in rows. If one student is extra in a row, there would be 2 rows less provided the total number of students is unchanged. Similarly, if one student is less in a row there would be 3 rows more, again provided the total number of students is unchanged. Find the number of students in the class.

- (a) 60
- (b) 65
- (c) 80
- (d) 70

39) A cuboid of dimensions 60 cm, 50 cm and 80 cm is to be divided into identical cubes of side X cm. What is the maximum possible value of X?

- (a) 25
- (b) 50
- (c) 10
- (d) 30

40) A cube has been painted green on two adjacent faces, red on the faces opposite to green, and blue on the remaining faces. The cube is then cut into 64 cubes of equal size.

Which of the following statements is/are correct?

Statement 1: 8 cubes have no face painted

Statement 2: There are exactly 6 small cubes with exactly two faces, one painted with blue and the other with green.

Select the correct answer using the code given below:

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

Read the following two passages and answer the items that follow. Your answers to these items should be based on the passages only.

PASSAGE - 9

Over the years, many distinct changes in consumption patterns of Indians are evident through several trends. First, there has been a shift from coarse cereals like jowar and bajra to finer cereals like wheat and rice. Second, the consumption of meat, dairy, and poultry has risen, increasing the demand for food grains like corn and soya for animal feed. This surge in animal feed demand has contributed to higher costs, particularly in milk. A third trend is the growing popularity of ready-made food in restaurants and community kitchens, further driving up food demand. Extrapolating these changes, along with rising incomes, it is clear that domestic food grain availability will not meet demand unless productivity, yields, and acreage increase.



41) Based on the above passage, the following assumptions have been made:

1. The growing demand for meat will compel a shift in agricultural policy, prioritizing animal feed production over human food crops.
2. India's food security model, which has focused on meeting basic caloric needs, may not be sufficient to address the evolving demand.
3. The increasing popularity of ready-made food in India is a transient trend and will not significantly affect long-term food grain demand.

Which of the above assumptions is/are valid?

- (a) 1 and 2 only
- (b) 2 only
- (c) 3 only
- (d) None of the above

42) Which one of the following statements best reflects the crux of the passage?

- (a) Changing consumption patterns and rising incomes will result in an unsustainable demand.
- (b) The shift to fine cereals and the rise in animal feed demand are the primary causes of food grain shortages in India.
- (c) India's food security will be resolved by focusing on the consumption of fine cereals and reducing meat consumption.
- (d) The increasing availability of coarse cereals like jowar and bajra will lead to better food security in India.

PASSAGE – 10

Nutritional security should focus not only on combating malnutrition but also on addressing diet-related lifestyle diseases. Central to this goal is the need for access to healthy, nutrient-rich food. For example, rather than relying solely on supplements, iron requirements in maternal health programs could potentially be met through food sources. Similarly, addressing protein deficiency can prevent malnutrition, which

is widespread, particularly among children. A report by the United Nations Children's Fund reveals that 69 percent of child deaths under the age of five are linked to malnutrition, highlighting the urgency of improving nutritional security.

43) Based on the above passage, the following assumptions have been made:

1. Prevention of malnutrition at the first place, is the answer to nutritional security.
2. Iron and protein deficiencies should be exclusively addressed through food sources, and supplements should be avoided entirely.
3. Improving nutritional security will eradicate child deaths related to malnutrition.

Which of the above assumptions is/are valid?

- (a) 1 only
- (b) 2 only
- (c) 3 only
- (d) None of the above

44) Which one of the following statements best reflects the most logical and rational implication conveyed by the passage?

- (a) Addressing malnutrition through food sources is sufficient to eliminate all diet-related diseases.
- (b) The focus on food security should be restricted to combating malnutrition.
- (c) Nutritional security requires a multi-dimensional approach, combining both food access and prevention of diet-related diseases.
- (d) Improving nutritional security is government responsibility.

45) If in a certain code, 'PLAY' is written as 'LHEC', then how is 'TURF' written?

- (a) QPJV
- (b) PQVJ
- (c) PQJV
- (d) QPVJ



46) What is the angle (in degree) between the minute hand and hour hand when the clock shows 6:40 hours?

- (a) 60°
- (b) 20°
- (c) 80°
- (d) 40°

47) Three wheels can complete 45, 36 and 12 revolutions per minute. There is a white spot on each wheel that touches the ground at time zero. After how much time (in seconds), all these spots simultaneously touch the ground again?

- (a) 25
- (b) 20
- (c) 27
- (d) 15

48) A question is given followed by two statements I and II. Consider the question and the statements.

Question: Who is the mother of S?

Statement-I: P and Q are sisters.

Statement-II: Q's husband is the brother of S's husband.

Which one of the following is correct in respect of the above question and the statements?

- (a) The question can be answered by using Statement-I alone
- (b) The question can be answered by using Statement-II alone
- (c) The question can be answered by using either statement alone
- (d) The question cannot be answered even by using both the statements together

49) What is the sum of the first 30 terms in the following sequence?

1, 3, 2, 2, 4, 3, 3, 5, 4, 4, 6, 5,

- (a) 195
- (b) 216
- (c) 120
- (d) 175

50) What will come in place of $_$ in the sequence 5, 9, 17, $_$, 65, 129 ?

- (a) 37
- (b) 42
- (c) 33
- (d) 48

Read the following three passages and answer the items that follow the passages. Your answers to these items should be based on the passages only.

PASSAGE – 11

Stress and tension affect both our mind and body, highlighting their strong connection. Research shows that emotional upset triggers hormones preparing us for "fight or flight." However, societal norms encourage suppressing these reactions, leaving feelings bottled up. This suppression causes stress hormones to act on the body, leading to illnesses. While venting anger through fighting or fleeing may seem natural, it can harm relationships. Instead, finding healthy ways to manage stress is crucial to prevent its negative impact on our mental, emotional, and physical well-being.

51) Which one of the following statements best reflects the crux of the passage?

- (a) Healthy stress management methods are key to maintaining well-being.
- (b) Stress and tension can lead to both mental and physical health problems.
- (c) Suppressing emotional reactions is a natural response but leads to health issues.
- (d) Venting anger through fighting or fleeing is the only natural way to deal with stress.

PASSAGE – 12

India, despite being ruled by foreign invaders throughout its history, managed to retain its faith and cultural identity. The entire country did not undergo conversion in terms of religion or culture, and this can



be attributed to the power of higher intellectual thought, which can influence people non-violently. Regardless of how criminal or evil a person may appear, they can be inspired by universal, higher thought. In an era of ethnic strife and violence around the world, the key to resolving conflicts lies in winning hearts and minds through such non-violent means.

52) Which of the following is the most crucial and logical inference that can be made from the above passage?

- (a) India's cultural and religious identity was preserved due to the passive acceptance of foreign rulers.
- (b) Higher intellectual thought offers a peaceful solution to resolving conflicts and preserving identity.
- (c) India's cultural identity remained intact solely due to the absence of foreign invasions.
- (d) People are naturally inclined to violent conflict.

PASSAGE – 13

India has made stupendous strides in becoming self-sufficient in food, primarily driven by technological investments during the green revolution. Using hybrid varieties of plants, new irrigational methods and chemicals in the form of fertilisers and pesticides allowed India to achieve food security when most of the international community had low expectations of us. However, this shift was more than three decades ago. An aspirational India cannot be satisfied with only achieving food security. An aspirational India has to aim at nutritional security – providing high-quality, nutritious food to all Indian citizens.

53) Which one of the following statements best reflects the crux of the passage?

- (a) India's food security achievement in the past is sufficient to meet the country's current needs.
- (b) India should shift its focus from food security to industrial development to sustain growth.
- (c) Technological investments in food production have reached their limits, and further progress will require a different approach.
- (d) While green revolution helped India achieve food security, the next goal should be providing nutritious food.

54) A person walks 25m southwards, then turns right and walks 25m again. He then turns 270° anticlockwise and walks another 25 m. He then takes 315° turn clockwise and starts walking another 25 metres. In which direction is he walking now?

- (a) South-West
- (b) South-East
- (c) North-West
- (d) North-East

55) Anekh walks 20m straight from his house, turns right and walks 25m, then turns left and walks 25 m, then takes a U-turn and walks 60 m to reach the grocery store. In which direction does he walk initially from his house, if the grocery store is exactly in the North-West direction (as observed from his house) ?

- (a) South
- (b) North East
- (c) North
- (d) South-West

56) Consider the following :

- I. $A + B$ means A is neither smaller nor equal to B.
- II. $A - B$ means A is not greater than B.
- III. $A \times B$ means A is not smaller than B.



IV. $A \div B$ means A is neither greater nor equal to B.

V. $A \pm B$ means A is neither smaller nor greater than B.

Statement: $L \pm N, P + O, M - P, L \div M$

Conclusion-1: $L \div O$

Conclusion-2: $M + N$

Which one of the following is correct in respect of the above Statement and the Conclusions?

- (a) Only Conclusion-1 follows from the Statement.
- (b) Only Conclusion-2 follows from the Statement.
- (c) Both Conclusion-1 and Conclusion-2 follow from the Statement.
- (d) Neither Conclusion-1 nor Conclusion-2 follows from the Statement.

57) Consider the following Statements and Conclusions

Statement 1: All Painters are Musicians

Statement 2: No Musician is a teacher

Statement 3: All Teachers are Dancers

Conclusion 1: No Teachers are Painters

Conclusion 2: No Dancers are Musicians

Which of the following is correct?

- (a) Only conclusion 1 is valid
- (b) Only conclusion 2 is valid
- (c) Both conclusions are valid
- (d) None of the conclusions are valid

58) Consider the following:

1. 1 litre = 1000 cm^3
2. 1 quintal = 100 kg
3. 1 are = 100 m^2

Which of the above are correct?

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1 and 3 only
- (d) 1, 2 and 3

59) A and B started a business by investing Rs. 6,300 and Rs. 9,800, respectively where B invested for 18 months and A invested for 3 more months than B. If the total profit earned from the business is Rs. 5,670, then find the profit share of A?

- (a) Rs. 1,980
- (b) Rs. 2,720
- (c) Rs. 2,430
- (d) Rs. 1,770

60) Consider a hexagon where each of its six sides has two additional distinct points (apart from the vertices of the hexagon itself). How many distinct triangles can be formed using any three of these points as vertices?

- (a) 792
- (b) 180
- (c) 220
- (d) 816

Read the following three passages and answer the items that follow the passages. Your answers to these items should be based on the passages only.

PASSAGE - 14

Punjab and Haryana are witnessing a shift in crop patterns, with farmers increasingly growing mustard instead of wheat due to its higher price. However, mustard residue is not used for cattle feed, unlike wheat residue. As a result, there's a 20-25% fodder shortage, which is expected to persist if wheat acreage continues to decline and mustard remains a profitable crop. While Indian planners focus on "food security," a "fodder security" plan is essential to ensure enough quality fodder for cows, both on farms and in goshalas. By introducing a minimum support price (MSP) for fodder, similar to that for food grains, the country could support the dairy sector, save millions of lactating cows, and boost the economy—a win-win situation for all.



61) Which one of the following statements best reflects the crux of the passage?

- (a) The shift in crop patterns in Punjab and Haryana is a consequence of farmers prioritizing wheat over mustard.
- (b) Fodder security is as important as food security.
- (c) Wheat should replace mustard, and ensure fodder security.
- (d) The introduction of an MSP for fodder will primarily benefit the wheat cultivation sector.

Read the following three passages and answer the items that follow. Your answers to these items should be based on the passages only.

PASSAGE – 15

India grapples with the pervasive and multifaceted impacts of climate change, evident in the increasing unpredictability of weather patterns and seasonal cycles. Alarming manifestations, reported with growing frequency, underscore the urgency of the crisis. The Himalayan region, marked by its ecological fragility, stands as a critical zone where climatic destabilization could have far-reaching and unpredictable repercussions for millions on both sides of the mountain ranges. The vulnerabilities extend to the plains and coastal areas, where the cascading effects threaten to destabilize agriculture, industry, and other critical sectors.

62) Which one of the following statements best reflects the most logical and rational implication conveyed by the passage?

- (a) The ecological fragility of the Himalayan region is the sole determinant of India's climate vulnerability.
- (b) Cascading climate effects are limited to disrupting agriculture and industry in plains and coastal areas.

(c) Addressing climate change in India requires a region-specific strategy with a focus on vulnerable ecosystems.

(d) The unpredictability of weather and seasonal patterns calls for systemic reforms across all critical sectors.

Read the following three passages and answer the items that follow. Your answers to these items should be based on the passages only.

PASSAGE – 16

Despite India's strict labour regulations, the frequent industrial accidents highlight significant shortcomings in workplace safety. This calls for the adoption of a "safe and healthy working environment" as a fundamental labour right, as outlined by the International Labour Organisation (ILO). While economic disparities between nations delayed the universal application of such rights, the rising number of workplace accidents globally demands urgent attention. Given India's legal and institutional deficiencies, it is crucial for the country to adopt the ILO's Occupational Safety and Health (OSH) Convention of 1981. This step would not only address these gaps but also drive necessary reforms in India's occupational health and safety standards.

63) Which one of the following statements best reflects the crux of the passage?

- (a) India's adherence to international labour standards would eliminate workplace safety issues entirely.
- (b) Workplace safety concerns in India stem largely from the ineffective enforcement of labour regulations rather than their existence.
- (c) India's economic growth has made the improvement of occupational health and safety laws unnecessary.
- (d) International frameworks like the ILO's OSH Convention are irrelevant in the context of India's labour safety challenges.



- 64) The selling price of 5 articles is the same as the cost price of 3 articles. The gain or loss percent is :
- 25% profit
 - 40% profit
 - 25% loss
 - 40% loss
- 65) Compound interest on a sum of money for 2 years at 4 per cent per annum is 2,448. Simple interest of the same sum of money at the same rate of interest for 2 years will be
- 2,500
 - 2,400
 - 2,360
 - 2,250
- 66) In a library, 40% of the readers prefers to read comic books, and 50% like to read history books. If 18% of the readers neither read comic books nor read history books calculate the percentage of readers who like to read both genres?
- 8
 - 10
 - 18
 - 15
- 67) Incomes of A and B are in the ratio 4 : 7 and their spending are in the ratio 6 : 11. If A saves one third of his income, then what will be the ratio of their savings.
- 11:19
 - 13:19
 - 14:19
 - 12:19
- 68) A student multiplied a number by $\frac{3}{5}$ instead of $\frac{5}{3}$. What is the percentage error in the calculation?
- 56
 - 66
 - 33
 - 64
- 69) If the difference between the average of x , y and y , z is 18, then the difference between x and z is :
- 36
 - 18
 - 12
 - 6
- 70) A man arranges to pay off a debt of Rs 3600 by 30 annual instalments which form an arithmetic series. When 20 of the instalments are paid, he dies leaving five-ninth of the debt unpaid. Find the value of the first instalment.
- 16
 - 8
 - 4
 - 6
- Read the following two passages and answer the items that follow the passages. Your answers to these items should be based on the passages only.**
- PASSAGE - 17**
- Scholarly work, distinct from propaganda, requires discipline, including the ability to reject wishful thinking, face difficult truths, and discard appealing but flawed interpretations. Objectivity does not mean neutrality; it can align with strong personal or political beliefs. True objectivity involves deeply understanding opposing views, not merely being detached. The most effective arguments acknowledge and respect alternative perspectives, presenting them thoughtfully. This approach captures the complexity of issues and the diversity of human viewpoints, while genuine objectivity goes beyond mere balance, focusing instead on meaningful engagement.
- 71) Which one of the following statements best reflects the crux of the passage?
- True objectivity requires scholars to remain completely neutral in their arguments.
 - The best arguments are those that do not consider alternative perspectives to avoid confusion.



- (c) Effective scholarly work involves critically engaging with opposing viewpoints rather than merely dismissing them.
- (d) The most effective arguments only reflect the writer's personal beliefs and ignore opposing views.

Read the following passage and answer the item that follow the passage. Your answer to this item should be based on the passage only.

PASSAGE – 18

A recent study that compared the physiological processes of individuals with mental illness to those of mentally healthy individuals revealed that those with mild mental disorders exhibit a greater propensity for sleep disturbances than their mentally healthy counterparts. This observation has prompted certain researchers to hypothesize that the presence of mild mental illness may be a contributing factor to the onset of sleep disorders, suggesting a possible causal relationship between the two conditions.

- 72)** Which one of the following statements best reflects the crux of the passage?
- (a) The relationship between mental illness and sleep disorders is often misunderstood.
- (b) Minor mental illness is a significant cause of sleep disorders.
- (c) Physiological processes in mentally ill individuals are more complicated than those in mentally healthy individuals.
- (d) Mild mental illness may contribute to the occurrence of sleep disorders.
- 73)** The number of bacteria in a certain culture doubles every hour. If there were 30 bacteria present in the culture originally, how many bacteria will be present at the end of the n th hour?
- (a) $30n$
- (b) n^{30}
- (c) $30(n^2)$
- (d) $30(2^n)$

- 74)** A Question is given followed by two Statements I and II. Consider the Question and the Statements.

Question: The average score of A, B, C is 63. If D scored 30 marks more than the average score of A, B, C, what is the sum of the scores of B & C?

Statement 1: A's score is 15 less than that of D.

Statement 2: B's score is 10 less than that of A.

Which one of the following is correct in respect of the above Question and the Statements?

- (a) The Question can be answered by using one of the Statements alone, but cannot be answered using the other Statement alone
- (b) The Question can be answered by using either Statement alone
- (c) The Question can be answered by using both the Statements together, but cannot be answered using either Statement alone
- (d) The Question cannot be answered even by using both the Statements together

- 75)** A Question is given followed by two Statements I and II. Consider the Question and the Statements.

Question: What is the time taken by the truck to cover the distance of 840km?

Statement 1: The average speed of a truck is five times the average speed of a bike.

Statement 2: the difference between the time taken by them to cover a distance of 840km is 168 hours.

Which one of the following is correct in respect of the above Question and the Statements?

- (a) The Question can be answered by using one of the Statements alone, but cannot be answered using the other Statement alone
- (b) The Question can be answered by using either Statement alone



- (c) The Question can be answered by using both the Statements together, but cannot be answered using either Statement alone
- (d) The Question cannot be answered even by using both the Statements together.

76) P and Q run a 10 km race on a circular track of length 1000 m. They complete one round in 200 seconds and 400 seconds respectively. After how much time(in seconds) from the start will the faster person meet the slower person for the last time?

- (a) 1400
(b) 2000
(c) 1800
(d) 1600

77) There are 200 balls (numbered 1 to 200) in a box. Find the probability of choosing a ball which bears either perfect cube or perfect square and the unit digit is either multiple of 3 or multiple of 2?

- (a) $11/200$
(b) $17/200$
(c) $13/200$
(d) $19/200$

78) Five people are to be arranged on five chairs for a photograph such that three people among them do not want to sit next to each other. Find out the number of ways in which this can be done.

- (a) 20
(b) 14
(c) 12
(d) 6

79) 'A' alone can-do half of a work in 35 days. The time taken by B to do one third of the work is equal to the time taken by A to do one fourth of the work. Find the number of days A and B together will take to complete the work?

- (a) 24
(b) 30
(c) 36
(d) 27

80) 3 pipes A, B and C can fill a tank in 50 minutes, 120 minutes, and 60 minutes, respectively.

If all the pipes are opened together, how much time is required to fill 27% of the tank?

- (a) 8
(b) 18
(c) 12
(d) 6



ROUGH SPACE



ROUGH SPACE



ROUGH SPACE



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