

EDUCRAT IAS AANKLAN-PRELIMS TEST SERIES 2026

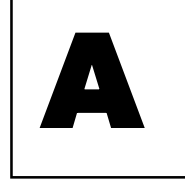


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Test Booklet Series



TEST BOOKLET

GENERAL STUDIES
Paper II

C-A-17-2026

Time Allowed: Two Hours

Maximum Marks: 200

I N S T R U C T I O N S

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 book.
2. **Please note that it is the candidate's responsibility to encode and fill in the Roll Number and Test Booklet Series A, B, C or D carefully without any omission or discrepancy at the appropriate places in the OMR Answer Sheet. Any omission/discrepancy will render the Answer Sheet liable for rejection.**
3. This Test Booklet contains **80** items (questions). Each item is printed in **English**. Each item comprises four responses (answers). You will select the response which you want to mark on the Answer Sheet. In case you feel that there is more than one correct response, mark the response which you consider the best. In any case, choose **ONLY ONE** response for each item.
4. You have to mark all your responses **ONLY** on the separate Answer Sheet provided. See directions in the Answer Sheet. **All** items carry equal marks.
5. 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 Admit Card.
6. **Penalty for wrong answers:**
THERE WILL BE PENALTY FOR WRONG ANSWERS MARKED BY A CANDIDATE IN THE OBJECTIVE TYPE QUESTION PAPERS.
 - (i) There are four alternatives for the answer to every question. For each question 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.
 - (ii) 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
 - (iii) If a question is left blank i.e., no answer is given by the candidate, there will be **no penalty** for that question
7. 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.

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Directions for the following 4 (four) items:

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

PASSAGE 1

Alongside genocide and war crimes, crimes against humanity (CAH) are among the grave international crimes which the International Criminal Court (ICC), established under the Rome Statute, seeks to punish. Importantly, genocide and war crimes are also governed by dedicated treaties, i.e., the Genocide Convention of 1948 and the Geneva Conventions of 1949, respectively. However, CAH are governed only under the Rome Statute, which includes specific criminal acts such as murder, extermination, enslavement, deportation, torture, imprisonment, and rape committed as part of a 'widespread or systematic attack directed against any civilian population, with knowledge of the attack'. CAH were first codified in the 1945 London Charter establishing the Nuremberg Tribunal to investigate and prosecute the crimes committed in connection with the Second World War, and later in the statutes of the International Criminal Tribunal for Yugoslavia, and Rwanda. However, there is no dedicated treaty for CAH yet, creating a gap in terms of accountability in the legal architecture of international criminal justice.

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

1. A dedicated treaty for Crimes Against Humanity would strengthen the international legal framework for addressing such crimes.
2. Crimes Against Humanity can only be prosecuted if they occur during wartime.
3. The existence of dedicated treaties for genocide and war crimes has completely eliminated impunity for those responsible for such crimes.

Which of the assumptions given above is/are valid?

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

2. Which of the following statements best reflects/reflect the most logical and rational inference/inferences that can be made from the passage?

1. The absence of a dedicated treaty for Crimes Against Humanity (CAH) limits the effectiveness of international criminal justice.
2. The Geneva Conventions and the Genocide Convention are more effective than the Rome Statute in addressing CAH.

Select the correct answer using the codes given below:

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

PASSAGE 2

Faster development of the dairy sector is essential to de-accelerate the deterioration of natural resources of subsoil water and soil health of Punjab. Thus, significant opportunities through technological innovations were created for enhancing the income of smallholder and rural-based dairy systems in the coming decades and hence poverty reduction.

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

1. An increase in the animal population is required for the growth of the dairy sector.
2. Investment in the Dairy sector can rejuvenate the deteriorating natural resources.

Which of the following assumptions is/are valid?

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

PASSAGE 3

The human brain is a wonder. Through folds of tissue and pulses of electricity, it lets us perceive, attempt to understand and shape the world around us. As science rapidly charts the brain's complex structures, new

discoveries are revealing the biology of how the mind functions and fails. Given the centrality of the brain to human health, its malfunctions should be a priority, separated from stigma and treated on par with the diseases of the body. We aren't there yet, but the transformation is underway.

4. Which of the following statements best reflects the central idea of the passage?

- (a) The human brain is capable of new discoveries in the field of science.
- (b) The stigma attached to mental health should be prioritized for human wellbeing.
- (c) The human brain should be treated at par with other organs in the human body when it comes to diseases and malfunctions.
- (d) Understanding the complexity of the brain is a priority.

5. A, B and C can do a piece of work in 11 days, 20 days and 55 days respectively. If B works daily and is supported by A and C on alternate days beginning with A, then in how many days will the work be finished?

- (a) 10
- (b) $9\frac{1}{3}$
- (c) 12
- (d) 8

6. When the price of flour was increased by 20%, a family increase its consumption in such a way that the expenditure on flour was only 44% more than before. If previously family consumes 50 kg flour monthly, find the new monthly consumption of the same family.

- (a) 37.5 kg
- (b) 70 kg
- (c) 55 kg
- (d) 60 kg

7. If $a : (b + c) = 1 : 3$ and $c : (a + b) = 5 : 7$, find the value of $b : (c + a)$.

- (a) 1 : 2
- (b) 3 : 4
- (c) 4 : 5
- (d) 3 : 5

8. Directions: Read the following instructions carefully to answer the given questions that follow:

There are seven persons (A - G), who were born in different years - 1961, 1968, 1972, 1988, 1993, 1999, and 2013. All the age calculations are done taking the base year as 2020. D was born in a leap year but not in the year 1988. Only three persons were born between D and F. C is the eldest person among them all. The sum of the ages of A and F is a multiple of 13. B was born in an odd-numbered year but not in 1993 nor he was the last one to be born. The difference between the ages of G and D is 4 years. B was born in which year?

- (a) 1999
- (b) 2013
- (c) 1993
- (d) 1988

9. When 6 apples were distributed to each member of a group, one apple was left. When each one was given 7 apples, one person did not get any. The number of people in the group was

- (a) 15
- (b) 10
- (c) 9
- (d) 8

10. A monkey climbs a 60 m high pole. In first minute he climbs 6 m and slips down 3 m in the next minute. How much time is required by it to reach the top?

- (a) 35 mins
- (b) 37 mins
- (c) 33 mins
- (d) 40 mins

11. All the odd numbers up to 100, and 256 are multiplied together. What is the number of zeros at the end of the product?

- (a) 12
- (b) 8
- (c) 20
- (d) 10

Directions for the following 3 (three) items:

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

PASSAGE 1

Two or more regions can compare income just as two individuals can compare income. The way economists compare regional income is through per capita figures. Per capita income is an important parameter for analyzing the population's purchasing power, affordability, and living standards and determining a nation's economic trends. However, it is not the only metric to judge the average earnings of people and the socio-economic scenario. It should be used with other income parameters such as savings, wealth, poverty, inflation, welfare opportunities, and income disparities. It serves as a measurement of the stability and wealth within an economy as it is a ratio of the amount of all a region's income to its population.

12. Consider the following statements

1. If the ratio rises, it suggests that members of the population are more prosperous than they have been in the past.
2. A reduced per capita figure suggests that the standard of living in a region has decreased, assuming the price of goods has either stayed the same or increased with inflation.

Which of the above statements is a valid inference with reference to the passage?

- (a) Only 1
- (b) Only 2
- (c) Both 1 and 2
- (d) None of the above

PASSAGE 2

The concept of 'creative society' refers to a phase of development of a society in which a large number of potential contradictions become articulate and active. This is most evident when oppressed social groups get politically mobilised and demand their rights. The upsurge of the peasants and tribals, the movements for regional autonomy and self-determination, the environmental movements, and the women's movements in the developing countries are signs of emergence of creative society in contemporary times. The forms of social movements and their intensity may vary from country to country and place to place within a country. But the very presence of movements for social transformation in various spheres of a society indicates the emergence of a creative society in a country.

13. What does the author imply by "creative society"?

1. A society where diverse art forms and literary writings seek incentive.
2. A society where social inequalities are accepted as the norm.
3. A society where a large number of contradictions are recognised.
4. A society where the exploited and the oppressed groups grow conscious of their human rights and upliftment.

Select the correct answer using the codes given below:

- (a) 1, 2 and 3
- (b) 4 only
- (c) 3 and 4
- (d) 2 and 4

PASSAGE 3

With the rise of packaged food, food with high salt and sugar content, obesity-related malnutrition is on the rise. India is now facing a double whammy of malnutrition, with the younger population being affected by undernutrition and the older population being affected by malnutrition related to obesity. We currently have no significant programmes that target malnutrition affected by obesity. As a country, we

could take the community nutrition approach where nutrition is improved at the community level. One of the most successful examples of this approach in the country is the addition of iodine to salt to prevent goitre and intellectual disabilities. This approach includes educating people about dietary changes and helping them achieve optimum levels of nutrition. An important part of this is educating children at schools and people in shared spaces such as workplaces. The main aim of this approach is preventive.

14. Based on the above passage, the following assumptions have been made:

1. It is not possible to overcome malnutrition by obesity as community nutrition is preventive in nature.
2. Absence of government programmes for fighting malnutrition is the primary cause of its existence.
3. People should be encouraged to eat fresh and nutrition rich food instead of packaged or high-salt foods.

Which of the above assumptions is/are valid?

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

15. Two Dice are thrown simultaneously. Find the probability that the number on the first dice is more than the number on the 2nd dice?

- (a) 1/2
- (b) 7/12
- (c) 5/12
- (d) 3/2

16. Direction: Following questions are based on the five words given below.

XGN KCS CQZ IWE DTF

(The new words formed after performing the mentioned operations may or may not necessarily be meaningful English words)

If in each of the given words, each of the consonants is replaced by their 2nd preceding letters in the alphabetical series, how many words thus formed

will have more than two vowels?

- (a) All
- (b) One
- (c) Four
- (d) Two

17. Three statements are given, followed by four conclusions numbered I, II, III and IV. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

Some desks are trays.

Some trays are plates.

Some plates are desks.

Conclusions:

I. All desks are plates.

II. All plates are desks.

III. Some plates are trays.

IV. All trays are desks.

- (a) Only conclusion III follows
- (b) Only conclusion IV follows
- (c) Only conclusion II follows
- (d) Only conclusion I follows

18. Find the value of $\sqrt{7 \div \sqrt{7 \div \sqrt{7 \div \sqrt{7 \dots \dots \infty}}}}$

- (a) $7^{\frac{1}{3}}$
- (b) $7^{\frac{1}{5}}$
- (c) $7^{\frac{1}{2}}$
- (d) $7^{\frac{1}{4}}$

19. The remainder when the sum of $0! + 1! + 2! + \dots + 99! + 100!$ is divided by 12 is

- (a) 6
- (b) 5
- (c) 11
- (d) 10

20. Direction: In the following question, a given question is followed by information in two statements. You have to find out the data in which statement (s) is sufficient to answer the question and mark your answer accordingly.

Six people are sitting around a circular table P, Q, R, S, T, and U facing the centre of a circular table. Who is sitting to the immediate right of R?

I. P sits to the immediate left of S, who sits to the second to the right of R.

II. S and U are neighbours of Q.

- (a) II alone is sufficient while I alone is not sufficient.
- (b) I alone is sufficient while II alone is not sufficient.
- (c) Either I or II alone is sufficient to answer the question.
- (d) I and II together are sufficient to answer the question.

Directions for the following 4 (four) items:

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

PASSAGE 1

It is an established fact that the breeding and density of different arthropods, which transmit vector-borne diseases, depend on climatic conditions. There is a strong association between the spread of vector-borne diseases and climate change. Mosquitoes, like all arthropods, are cold-blooded creatures. As a result, they can't regulate their body temperature. Several studies have shown that climate change has helped mosquitoes to thrive and multiply even in areas where they weren't present before. This has led to an increasing number of outbreaks of infections such as Zika virus, chikungunya, malaria and dengue, around the world. These diseases kill more than one million people and infect up to 700 million each year almost one in ten people according to the World Mosquito Program. And if the planet continues to get warmer at the present rate, these numbers are set to increase multi-fold.

21. With reference to the above passage, which of the following assumptions have been made?

- 1. Climate change provides favourable conditions for many vectors, causing them to proliferate.
- 2. All cold-blooded creatures breed and multiply faster in warmer climates.

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

22. Which one of the following statements best reflects the most logical and rational message conveyed by the author of the passage?

- (a) Higher global temperatures decrease the spread of vector-borne diseases in relatively warm places whereas increase it in relatively cold places.
- (b) Climate change will increase the risk of communicable diseases all over the world
- (c) Mosquitoes being cold-blooded thrive well with increasingly warm climate conditions.
- (d) Climate change helps mosquitoes proliferate causing an increase in vector-borne diseases.

PASSAGE 2

Between 1700 and 1900, the concept of the "unconscious" emerged as a novel idea, breaking free from conventional language. This term, initially fluid in meaning, eventually found a fixed place in medical psychology and Freudian psychoanalysis. The 19th century witnessed a significant expansion in the vocabulary related to the soul and the mind. Literary and intellectual language enrichments led to a changed understanding of traditional expressions. The attempt to define the unconscious brought together various fields, including spiritualism, psychical research, psychiatry, surgery, magnetism, physiology, neurology, philosophy, and psychology. Most of these practices and disciplines originated in the late 18th and early 19th centuries. Topics like the affinity between creative genius and insanity became prominent during this period. The introduction of the term "unconscious" by Hartmann in 1869 appeared to consolidate diverse

thoughts. However, Hartmann's attempt proved ineffective as he extended the concept's reach too broadly, compromising its precision.

23. Which of the following are the most rational and logical inferences that can be made from the passage?

1. New conceptions in the nineteenth century could provide new knowledge because of the establishment of fields such as anesthesiology.
2. Unrelated practices began to be treated as related to each other, as knowledge of the mind grew in the nineteenth century.
3. Without the linguistic developments of the nineteenth century, the growth of understanding of the soul and the mind may not have happened.

Select the correct answer using the code given below.

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

24. Which of the following statements most accurately captures the main subject or theme of the passage?

- (a) The expansion of terminology related to the soul and the mind, encompassing various mental processes.
- (b) The collating of diverse ideas under the single term: unconscious.
- (c) The discovery of the unconscious as a part of the human mind.
- (d) The identification of the unconscious as an object of psychical research.

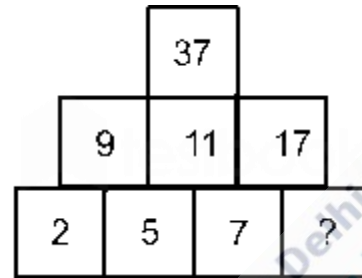
25. Directions:- Each of the Questions below, consists of a Question and three statements numbered (1), (2) & (3). You have to decide whether the data provided in the statements are sufficient to answer the question.

What is the Code for "Rope" in a coded language?

1. "Use the Rope" is written as "Nik ta re".
2. "Rope is Straight" is written as "Pe da ta".
3. "Always Use Rope" is written as "ma re ta".

- (a) Only (1) & (2) Or (2) & (3)
- (b) Only (1) & (3)
- (c) Only (2) & (3)
- (d) Only (1) & (2)

26. Find the missing term in the following figure?



- (a) 23
- (b) 5
- (c) 17
- (d) 9

27. The cards bearing letters of the word 'MATHEMATICS' are placed in a bag. A card is taken out from the bag without looking into the bag at random. What is the probability of getting any vowel bearing card?

- (a) 2/11
- (b) 4/11
- (c) 7/11
- (d) 0/11

28. A number has been denoted to each of the given letters. Select the option from the following four possible arrangements of these numbers that forms a meaningful word.

E = 1, N = 2, T = 3, S = 4, T = 5, D = 6, U = 7

- (a) 4,3,7,6,1,2,5
- (b) 2,1,4,3,6,7,5
- (c) 4,3,7,1,6,5,2
- (d) 2,1,4,6,3,5,7

29. When a number is successively divided by 3, 4 and 7, the remainders obtained are 2, 3 and 5, respectively. What will be the remainder when 84 divides the same number?

- (a) 30

- (b) 71
(c) 53
(d) 48

30. Two Statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

Only a few Adults are Plumbers.

Only a few Plumbers are Taxi drivers.

Conclusions:

I. Some Adults are Taxi drivers.

II. All Plumbers can never be Taxi drivers.

- (a) Neither conclusion I nor II follow.
(b) Only conclusion I follows.
(c) Only conclusion II follows.
(d) Both conclusions I and II follow.

31. It is between 3 pm and 4 pm and the distance between the hour hand and the minute hand of the clock is 18 minutes spaces. What time does the clock show?

- (a) 3 : 36 pm
(b) 3 : 31 pm
(c) 3 : 12 pm
(d) 3 : 27 pm

32. Two trains start at the same time from two stations and proceed towards each other at speeds of 90 km/h and 70 km/h, respectively. When they meet, it is found that one train has travelled 140 km more than the other. What is the distance (in km) between the two stations?

- (a) 1100
(b) 1120
(c) 980

- (d) 1200

33. Remya's birthday is on Wednesday 10th March. On what day of the week will be Deepthi's birthday in the same year if Deepthi was born on 15th June?

- (a) Tuesday
(b) Wednesday
(c) Monday
(d) Thursday

Directions for the following 4 (four) items:

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

PASSAGE 1

Various factors help people in believing that people from different countries hold different values. Such factors are cognitive: social learning and stereotyping processes e.g., illusory correlation, may lead us to encode other groups' characteristics in ways that magnify the differences between groups. More relevant, however, is the nature of the concept of the value itself. Specifically, as abstract ideals, values subsume a wide range of behaviours as exemplars of the concepts. People may perceive differences between social groups because of the differences between groups in the specific behaviours that are seen as exemplars of different values, even if other behaviours that are exemplars of the values do not differ. Thus, by thinking about groups in terms of concrete instances, differences may be stronger than similarities. In other words, people in different social groups may endorse the same values but associate different behaviours with them. For example, the value of equality may be linked to comparisons between men and women in countries where gender equality is promoted, but not in countries where gender equality is not part of the political agenda.

34. Based on the passage, the following assumptions are made:

1. Gender equality is universally valued, regardless of society.

2. There is a reciprocal influence between values and behaviour.

Which of the above assumptions is/are valid?

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

35. Which of the following is/are logical inferences that can be drawn from the passage?

- 1. Understanding group behaviour may not help in understanding their values.
- 2. The relationship between group values and behavior is simple and linear.

Select the correct answer from the options below:

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

PASSAGE 2

It has often been said that "art is the reflection of society". This is what Yves Michaud, a famous French philosopher, was able to defend. Artists are not isolated creators. Their work is the result of their relationship with the outside world. Often commenting on politics, power or wealth, artists may, or may not, dialogue with human concerns, which are themselves strongly conditioned by the culture in which we live. Non- Western works, too, such as African or Oceanian masks and totems derive from this pattern. In recent decades, the connections between "art" and "society" have become more obvious. For example, photography and video began to capture reality, documenting it, staging it, and sometimes denouncing it. Pop art, artists have seized on our symbols. And a new generation of artists uses their visibility to denounce, invective or educate the public.

36. Based on the above passage, the following assumptions have been made:

- 1. In their work, the artists must interact with society and its culture.

2. The art not only reflects the realities of society but helps in creating awareness as well.

Which of the above assumptions is/are valid?

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

37. Which one of the following statements best reflects the crux of the passage?

- (a) Non-western societies should learn how to make the best use of art in understanding societies.
- (b) Societies must invest in the promotion of arts for the propagation of their cultures.
- (c) Artists should always keep away the bias of their own culture to understand a society.
- (d) Just as a society grows, art evolves with time to reflect the realities of society.

38. Direction: Study the following information carefully and answer the questions given below-

Five persons H, I, J, K and L are going for picnic in Museum, Treasure Park, Jurassic Park, Water park, Zoo in the same day not necessarily in the same order. J is going to Museum. K is going to Treasure Park. I is neither going to Museum nor Zoo. H is neither going to Zoo nor Water park.

Who is going to Water Park?

- (a) H
- (b) I
- (c) J
- (d) K

39. A and B started a partnership business investing in the ratio of 2 : 5. C joined them after 3 months with an amount equal to $\frac{4}{5}$ th of B. What was their profit (in Rs.) at the end of the year if A got Rs. 16,800 as his share?

- (a) 56000
- (b) 100800
- (c) 84000
- (d) 117600

40. The difference between simple and compound interest on a principal amount is Rs. 27 when rate of interest is 5% per annum and amount is kept for 2 years. Find the principal amount.

- (a) Rs. 18800
- (b) Rs. 10800
- (c) Rs. 12580
- (d) Rs. 25000

41. If 9685 is divided into three parts in such a way that one-fourth of the first part, one-third of the second part and one-sixth of the third part are equal, then what is the first part?

- (a) 2980
- (b) 2253
- (c) 4470
- (d) 2235

42. Consider the following statements in respect of all factors of 360:

1. The number of factors is 24.
2. The sum of all factors is 1170.

Which of the above statements is/are correct?

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

43. In how many ways can 25 travelling bags and 27 Sling bags be placed in a row on table so that two travelling bags may not be together?

- (a) 3790
- (b) 3560
- (c) 3460
- (d) 3276

44. Directions: In the following question assuming the given statements to be True, find which of the conclusion among given conclusions is/are definitely true and then give your answers accordingly.

Statements: $G \geq P \geq I$; $D < X = I$; $E > C \geq P$; $W = C$

Conclusions:

I. $P \leq W$

II. $G \geq D$

- (a) None is true
- (b) Both I and II are true
- (c) Only II is true
- (d) Only I is true

45. Direction: What will come in the place of question mark (?) in the given statement if $W < V$ is definitely true?

Statements: $Z = Y < W \leq T$ (?) $U = V$

- (a) =
- (b) \geq
- (c) $>$
- (d) $<$

46. If it is possible to make only one meaningful English word with the second, sixth, seventh, eighth and the ninth letters of the word QUICKSTEP, then which of the following will be the last letter of that word? If no such word can be made give 'X' as the answer and if more than one such word can be made give 'Y' as the answer.

- (a) E
- (b) P
- (c) T
- (d) Y

47. A person mixed milk and water in 2 containers in the ratio 3 : 4 and 5 : 6 respectively then he mixed both the mixture in the third container and the ratio of milk and water in the resultant mixture becomes 4 : 5. Total quantity of mixtures is 18 litres. Find the quantity of milk in the 1st container.

- (a) 7 L
- (b) 4 L
- (c) 3 L
- (d) 5 L

Directions for the following 4 (four) items:

Read the following **four passages** and answer the items that follow each passage. Your answers to these items should be based on the passage only

PASSAGE 1

In a city that never sleeps and has emerged as the noisiest in the country, doctors seem to be veering towards a worrisome conclusion: Pollution, be it air or noise, could be worsening heart disease--or even triggering heart attack--among patients. Cardiologists say one should suspect pollution when a seemingly healthy colleague with no cholesterol problem or a family risk of heart disease collapses. Noise pollution works just like nano-sized air pollutants do: They stimulate the brain to secrete hormones that create a vasospasm (sudden constriction of a blood vessel, reducing its diameter and flow rate) and eventually leads to atherosclerosis," said one cardiologist.

48. Which among the following is the most logical inference of the above passage?

- (a) Pollution and heart disease in the population have become harsh realities in the city.
- (b) Pollution is the primary factor leading to heart disease in that city.
- (c) Pollution, cholesterol, and heart disease are interlinked.
- (d) Pollution, as a risk factor in heart disease, will surpass cholesterol problem

PASSAGE 2

Social networks such as Facebook, Instagram and Twitter are now integrated into most people's everyday lives. The users of social networks no longer just use them to keep in touch with friends, but increasingly facilitate social networks to search for information. Users also form opinions based on the information and contributions available on social networks. While searching for information and integrating it into their opinion formation, users are no longer just passive recipients of information in online social networks but are also actively spreading their own opinions.

49. Based on the above passage, the following assumptions have been made:

- 1. Information available on social networks must be verified for correct opinion formation.
- 2. Opinions made through social media are not reliable due to instances of fake news.
- 3. Social networks act as a medium for exercising the right to freedom of speech.

Which of the above assumptions is/are valid?

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

PASSAGE 3

All medical professionals agree that we need to concentrate on reducing the prevalence of pre-diabetes and improving its management. On the preventive health front, a traditional kitchen revival, where a more diverse diet is practiced, and rice does not form the centre piece, may help. The more difficult challenge is the attitudinal shift towards movement. In many rural and urban areas in India, physical work is linked with class hierarchy. A family's ability to hire more aid and maintain more functioning motions decreases as they grow richer.

50. On the basis of the above passage, the following assumptions have been made:

- 1. Regular movement and physical work may help prevent pre-diabetes.
- 2. It is important to manage pre- diabetes in people to prevent it from turning into something more serious.

Which of the following is/are valid assumptions?

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

PASSAGE 4

Several secondary hazards may increase the vulnerability of a property to a primary hazard. For example, secondary hazard agents such as termites

and vegetation affecting a historic building may be caused by a primary hazard, such as heavy rainfall due to improper drainage and lack of maintenance. This might, in turn, weaken the structure of the property, making it more vulnerable to earthquake (primary hazard). At the same time, a solution to a specific hazard may increase a property's vulnerability with respect to another hazard. For example, conservation guidelines for mortars developed because of a greater incidence of flash-storms may not be appropriate in terms of earthquake resistance.

51. Which of the following statements is the most logical inference of the passage?

- (a) Solutions to specific hazards can inadvertently increase vulnerability to other hazards and vice-versa
- (b) Secondary hazards such as termites and vegetation are more damaging than primary hazards
- (c) Proper drainage and maintenance are the only effective measures against secondary hazards
- (d) Conservation guidelines for mortars should always prioritize earthquake resistance over other hazards

52. The ratio of the radii of two cones is 5 : 6 and their volumes are in the ratio 8 : 9. The ratio of their heights is:

- (a) 32 : 25
- (b) 25 : 32
- (c) 27 : 20
- (d) 20 : 27

53. The average marks of A, B and C in Maths is 84. The average marks of A and B are 5 more than average marks of B and C and difference in marks of B and A is 7 in same subject, where B is greater than A. Find the marks of C in Maths.

- (a) 82
- (b) 75
- (c) 95
- (d) 80

54. If the seven-digit number 52A6B7C is divisible by 33, and A, B, C are primes, then the maximum value of $2A + 3B + C$ is:

- (a) 32
- (b) 23
- (c) 27
- (d) 34

55. Directions: Study the following information carefully and answer the questions given below:

K, L, P, S, U, X and Z are seven different people who work in seven different banks - SBI, RBI, BOI, ICICI, Axis, HDFC and HSBC. All the information is not necessarily in the same order. X does not work in SBI. U works in ICICI. S does not work in HSBC. Either L or P works in Axis. X neither works in BOI nor in HSBC. Neither K nor L works in HSBC. K neither works in SBI nor in HDFC. Z either works in RBI or in BOI. K does not work in RBI.

Who among the following works in HDFC bank?

- (a) L
- (b) P
- (c) S
- (d) X

56. Select the combination of letters that, when sequentially from left to right in the gaps of the given letter series, will complete the letter series.

c _ cce _ fcdc _ _ ef _ _ cc _ e _

- (a) ecdefcde
- (b) eecdeefc
- (c) dececdef
- (d) fcfeefcd

57. Find out the odd number pair from the given alternatives.

- (a) 78, 26
- (b) 19, 20
- (c) 20, 40
- (d) 36, 12

58. Two statements S1 and S2 are given below followed by a Question:

S1: B is costlier than F but cheaper than A. D is the costlier than both F and E.

S2: E is cheaper than F and A. B and D both are costlier than F.

Question: Among five smartphones, which is the cheapest?

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

- (a) S2 alone is sufficient to answer the question but S1 alone is not sufficient.
- (b) S1 alone is sufficient to answer the question but S2 alone is not sufficient.
- (c) Both S1 and S2 together are not sufficient to answer the question.
- (d) Both S1 and S2 together are sufficient to answer the question but neither of them is alone sufficient.

59. If $2^{2a+3} \div 16 = 2^{a+1}$, then find the value of a.

- (a) 3
- (b) 4
- (c) 2
- (d) 1

60. The LCM and HCF of two numbers are 21 and 7 respectively. Find the smaller number if the bigger number is 7 more than twice the smaller number.

- (a) 10
- (b) 7
- (c) 15
- (d) 9

Directions for the following 3 (three) items:

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

PASSAGE 1

Urban Local Governments (ULGs) are critical for delivering civic services and improving citizens' quality

of life, yet their role remains undermined despite the 74th Constitutional Amendment Act (CAA) of 1992 mandating decentralization. Delays in ULG elections are widespread, with over 60% of municipalities failing to hold elections on time, which weakens accountability and governance as state governments assume control during such delays. State Election Commissions (SECs), tasked with conducting these elections, remain disempowered due to delays in ward delimitation and reservation processes caused by state governments or court disputes. Given the economic significance of cities, which contribute over 60% to India's GDP, ensuring timely ULG elections and empowering SECs are essential. The High-Level Committee's proposal to synchronize ULG elections with national and state elections within 100 days is a step forward, but deeper reforms are needed to make local democracy robust and functional.

61. Based on the above passage, the following assumptions have been made:

1. State governments deliberately delay ULG elections to extend their administrative control over municipalities.
2. Even with stronger State Election Commissions (SECs), delays in ULG elections will persist due to inherent political and bureaucratic obstacles.

Which of the assumptions given above is/are valid?

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

62. Which of the following statements best reflect/reflects the most logical and rational inference/inferences from the passage?

1. Delays in ULG elections indicate a structural weakness in the implementation of the 74th Constitutional Amendment Act.
2. The High-Level Committee's proposal alone is insufficient to address the structural and governance challenges faced by ULGs.

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

PASSAGE 2

Materials such as steel and cement are important components in construction. But they're also heavy CO₂ emitters, making decarbonizing these industries a priority. Steel production alone accounts for around a quarter of greenhouse gas emissions from the manufacturing sector. A big part of this share comes from the mining and transportation of ingredients used in the production process.

63. Which of the following is the most logical and rational inference that can be made from the above passage?

- (a) The construction industry is not important for reducing carbon emissions.
- (b) The impact of greenhouse gas emissions on mining and transportation is undeniable.
- (c) The steel and cement used in construction must be replaced by sustainable materials.
- (d) The steel and cement industries are significant contributors to greenhouse gas emissions.

64. Find the average of the mean and the median of the given sets of data.

21, 19, 17, 13, 36, 23, 18, 15, 27, 11

- (a) 19
- (b) 21
- (c) 19.25
- (d) 11.5

65. If two number a and b is divided by divisor c, the remainder obtained in each case are 4 and 1 respectively. If (a + b) is divided by the same divisor c then the remainder obtained is 0, then find the value of c. The difference between the quotient in the third case and the summation between the quotient in the first and second case is 1.

- (a) 0

- (b) 4
- (c) 1
- (d) 5

66. The ratio of the incomes of A and B is 2 : 3 and that of their expenditure is 1 : 2. If 90% of B's expenditure is equal to the income of A, then what is the ratio of the savings of A and B?

- (a) 9:8
- (b) 8:7
- (c) 3:2
- (d) 1:1

67. Which of the following statement(s) is/are TRUE?

I. $1^{99} + 2^{99} + 3^{99} + 4^{99} + 5^{99}$ is exactly divisible by 5.

II. $31^{11} > 17^{14}$

- (a) Only I
- (b) Only II
- (c) Neither I nor II
- (d) Both I and II

Directions for the following 2 (two) items:

Read the following **one passage** and answer the items that follow each passage. Your answers to these items should be based on the passage only

PASSAGE 1

The existence of design, intelligence, and purpose in the universe implies an agency behind these qualities. This notion challenges traditional understandings of cause and effect, suggesting a realm beyond observable phenomena. As we explore quantum physics and contemplate simulated realities, we confront the possibility of living in a universe engineered by an advanced civilization. Concepts like reversing aging, manipulating space-time, and transcending dimensions blur the boundaries of reality, prompting a reevaluation of fundamental ideas. In this evolving landscape, even religion and belief systems may undergo profound transformations, reflecting a

paradigm shift towards a deeper understanding of existence.

68. With reference to the above passage, the following assumptions have been made:

1. The universe exhibits characteristics associated with deliberate construction.
2. Religion and belief systems are resistant to change in light of scientific discoveries.

Which of the above assumptions is/are valid?

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

69. Which one of the following best reflects the central idea of the passage given above?

- (a) Traditional scientific paradigms are being challenged by advancements in new discoveries like quantum physics.
- (b) The concept of destiny is shaped by our understanding of the universe's design and purpose.
- (c) Technological advancements are leading humanity towards a utopian future where aging can be reversed and dimensions can be transcended.
- (d) Exploration of quantum physics and simulated realities is causing a reassessment of fundamental beliefs, catalyzing changes in religion and belief systems.

70. Direction: Study the following information carefully to answer the given questions:

- If 'A % B' means 'A is the father of B'
 If 'A @ B' means 'A is a brother of B'
 If 'A & B' means 'A is a daughter of B'
 If 'A × B' means 'A is a sister of B'
 If 'A \$ B' means 'A is a son of B'
 If 'A ^ B' means 'A is the wife of B'

If 'A % L & P × I \$ N ^ E @ S' is given, then how is L related to I?

- (a) Brother
- (b) Niece

- (c) Husband
- (d) Son

71. How many different words with two letters can be formed by using the letters of the word JUNGLE, each containing one vowel and one consonant?

- (a) 8
- (b) 12
- (c) 16
- (d) None of these

72. One page is torn from a booklet whose pages are numbered in the usual manner starting from the first page as 1. The sum of the numbers on the remaining pages is 195. The torn page contains which of the following numbers?

- (a) 5,6
- (b) 7,8
- (c) 9,10
- (d) 11,12

73. In the following question, two statements are numbered as A and B. On solving these statements, we get quantities A and B respectively. Solve both quantities and choose the correct option.

Quantity A: There are 30 students in a class. Two monitors are to be selected. How many ways are there to select a monitor?

Quantity B: 450

- (a) Quantity A \geq Quantity B
- (b) Quantity A \leq Quantity B
- (c) Quantity A < Quantity B
- (d) Quantity A > Quantity B

Directions for the following 2 (two) items:

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

PASSAGE 1

Although the wave of minimalism or "less is more" philosophy seems fascinating to people, it comes with a mindful responsibility. Minimalism is a subjective choice to get rid of possessions that don't add meaning

to our lives, and it's not a new concept when it comes to India. Indians have been acquainted with this concept since Gandhi's architecture, which was once considered rural and conservative. It was, in fact, modern. Humans are lured by high fashion labels and new gadgets and have been under the impression of feeling empty without such possessions. However, for the past few years, consumers in India have turned their lifestyle to what it was back in Mahatma Gandhi's era: traditional and sustainable. Indians are followers of 'Jugaad' or frugal innovation. Be it a worn-out silk saree or close-to-end toothpaste, we know how to utilize possessions creatively and mindfully.

74. Which of the following is/are the most rational and logical inference/inferences that can be drawn from the passage?

1. Minimalism and consumerism can go hand in hand.
2. The present trend of consumerism will negatively affect our lives in future.

Select the correct answer from the code given below.

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

PASSAGE 2

The need for organic farming and the benefits it offers are increasingly recognized in today's agricultural landscape. Organic farming prioritizes environmentally friendly practices, eschewing synthetic pesticides, fertilizers, and genetically modified organisms (GMOs). By utilizing natural methods such as crop rotation, composting, and biological pest control, organic farming promotes soil health, biodiversity, and sustainable agricultural practices. Moreover, organic farming helps mitigate climate change by reducing greenhouse gas emissions and sequestering carbon in the soil. Additionally, organic produce is free from harmful chemical residues, making it safer and healthier for consumers. Despite the initial challenges and lower yields associated with organic farming, the long-term benefits, including improved soil fertility,

reduced environmental impact, and enhanced food safety, outweigh the costs.

75. Which of the following conveys the most important logical and rational message from the passage?

- (a) Organic farming promotes soil health, biodiversity, and sustainable agricultural practices.
- (b) Organic produce is safer and healthier for consumers as it is free from harmful chemical residues.
- (c) Despite initial challenges and lower yields, the long-term benefits of organic farming outweigh the costs.
- (d) Organic farming helps mitigate climate change by reducing greenhouse gas emissions and sequestering carbon in the soil.

76. Statement:

**Only a few numbers are digits.
Some digits are letters.**

Conclusion:

- I. All numbers are digits is a possibility
- II. All numbers are letters is a possibility

- (a) Only I follows
- (b) Both I and II follow
- (c) Neither I nor II follows
- (d) Only II follows

77. If $N = 3^{14} + 3^{13} - 12$, then what is the largest prime factor of N?

- (a) 11
- (b) 79
- (c) 13
- (d) 73

78. A train, at its usual speed, crosses a 160 m long platform in 9 seconds. When the speed of the train is decreased by 20%, it is crossed by a car, running at 42 m/s in the same direction, in 20 seconds. Find the usual speed of the train. (Note- Length of the car is negligible as compared to the train.)

- (a) 40 m/s
- (b) 30 m/s

- (c) 36 m/s
- (d) 32 m/s

79. Direction: Read the following information and answer the given questions.

Seven friends A, B, C, D, E, F and G are sitting around a circular table having eight seats. All of them are facing towards the center. No two friends sitting near each other are in alphabetical order (B does not sit near A and C).

D sits second to the right of G. A faces F. E sits second to the left of A. Two friends sit between the vacant seat and C. B does not sit near E.

What is the position of F with respect to G?

- (a) Third to the left
- (b) Third to the right
- (c) Second to the left
- (d) Second to the right

80. A, B, C subscribe a sum of Rs. 75,500 for a business. A subscribes Rs. 3,500 more than B, and B subscribes Rs. 4,500 more than C. Out of a total profit of Rs. 45,300, how much (in Rs.) does A receive?

- (a) 12,600
- (b) 14,700
- (c) 17,400
- (d) 15,000

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