

# EDUCRAT IAS AANKLAN-PRELIMS TEST SERIES 2026

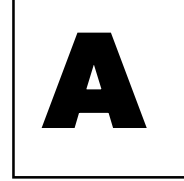


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Test Booklet Series



TEST BOOKLET

GENERAL STUDIES  
Paper II

C-A-22-2026

Time Allowed: Two 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 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 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 passages only.

**Passage – 1**

Growing up in the 1990s in India meant having seen an ad for a glucose-based drink on television in which the sun literally sucks the life force out of children with a giant straw as they are playing. This ad has started to hit closer to reality. India has increasingly been in the grip of more frequent and intense heat waves, with outdoor workers especially struggling with the rising mercury. A recent study published in Science Advances showed that it wasn't just India: the whole world is grappling with slower and longer heatwaves. Heatwaves have a terrible impact on human and animal life, with increased risk of wildfires, damaged crops, and worse health. Analysing temperatures around the world from 1979 to 2020, Wei Zhang, a climate scientist studied how they have changed over time.

**1. With reference to the above passage, consider the following statements:**

1. Ads are inherently intertwined with ground reality.
2. Glucose-based drinks were advertised across the world in the 1990s.

**Which of the statements given above is/are correct?**

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

**Passage – 2**

Conditions like diabetes or hypertension are increasingly becoming common among all age groups which might just add to the risk. Fortunately, travel insurance policies cover the cost of treatment if the policyholder finds himself/ herself in an emergency medical situation while travelling even if that situation arises due to pre-existing diseases (PEDs). Notably, though, this cover is only available for life-threatening situations and will pay the medical expenses for treatment required to bring the patient out of danger and to stability. There are specific plans that provide

policyholders with PED coverage up to a certain limit or up to the sum insured. If the policyholder is suffering from any chronic disease like diabetes or high blood pressure, then those conditions are categorised as pre-existing diseases.

**2. Which one of the following statements best reflects the critical message conveyed by the passage given above?**

- (a) Travel insurance should be brought under the ambit of life insurance.
- (b) Travel insurance with PED coverage is readily available and affordable for everyone.
- (c) Travel insurance with PED coverage can be helpful for managing emergencies but with limitations.
- (d) None of the above

**Passage – 3**

A purposeful mission is insufficient to establish feelings of value alignment at the workplace. Employees must see a connection between their day-today work and the organization's greater purpose. Job crafting, which entails using imagination to redesign one's job without the involvement of management, is one technique that connects an employee's everyday work activities with the organization's purpose. For instance, a hospital cleaner may reframe their work as helping sick people instead of simply cleaning. Or an insurance agent might reframe their work as getting people back on track after an accident rather than processing paperwork. In general, this creates a win win situation that may lead to higher job satisfaction.

**3. With reference to the above passage, which of the following inferences can be drawn?**

1. Engaged employees may perform better and stay longer in organizations.
2. Employees deprioritize financial benefits to work for an organization that practices job crafting.

**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

4. To pass an examination, a candidate needs 35% of the total marks. In this examination, a candidate scored  $\frac{3}{5}$  of the total marks and exceeded the required passing marks by 40. Determine the total marks of the examination and the candidate's score.

- (a) Total marks = 250, marks scored by candidate = 96  
(b) Total marks = 160, marks scored by candidate = 96  
(c) Total marks = 160, marks scored by candidate = 92.5  
(d) Total marks = 180, marks scored by candidate = 92.5

5. If the difference between simple interest for 2 years at 5% p.a. on a certain amount and compound interest for 2 years at 6.25% p.a. on the same amount compounded annually is Rs. 37, find the principal amount.

- (a) Rs. 1190  
(b) Rs. 1480  
(c) Rs. 1570  
(d) Rs. 1280

6. In a grocery store, when the price of rice is increased by 25%, the value of the rice rises by Rs. 80 in absolute terms. Calculate the price of the rice if the price was increased by 37.5% instead.

- (a) Rs. 220  
(b) Rs. 625  
(c) Rs. 440  
(d) Rs. 535

7. In a neighbourhood, 12% of the people are less than 30 years of age, 6% of the people are more than 70 years old, 22% of the people are more than 50 years old and 990 people are between 30 years and 50 years of age. How many people are between 50 and 70 years of age?

- (a) 250  
(b) 240  
(c) 230  
(d) 225

8. Two sellers sell coconuts on the streets of Coorg. If the income of the first seller is 2.4% more than that of the second seller, then by what percentage is the income of the second seller less than that of the first seller?

- (a)  $(\frac{25}{3})\%$

(b)  $(\frac{15}{23})\%$

(c)  $(\frac{27}{5})\%$

(d)  $(\frac{75}{32})\%$

9. p, q and r are three sums of money such that 'q' is the simple interest on 'p' for 2 years and 'r' is simple interest on 'q' for 4 years at the same rate of interest. Which one of the following is correct?

- (a)  $2q^2 = p \times r$   
(b)  $p \times q^2 = r$   
(c)  $p \times q \times r = 0$   
(d) None of these

10. In a village election, 10% of voters did not cast their votes, and 20% of the cast votes were declared invalid. Out of the 2 candidates, the first candidate received 73% of the valid votes, while the remaining votes went to the second candidate, who lost the election by 3312 votes. Determine the total number of voters in the village.

- (a) 10000  
(b) 15000  
(c) 19440  
(d) 73000

**Direction for the following 2 (two) items:**

The table given below shows the odometer readings (in kilometer) of the transport trucks of 4 people in four different months. The readings were taken at the end of each month.

**Study the table and answer the two items that follow.**

	Suresh	Naresh	Mahesh	Yogesh
July, 2023	22500	15780	18640	20542
August, 2023	23980	24560	19876	17343
September, 2023	17645	14584	17774	17998
December, 2023	16123	16788	19584	14890

11. What is the difference between the average of the distances covered by Yogesh in September and December, 2023 to the average of the distances covered by Naresh in August and December, 2023?



- (a) 4230 kilometers
- (b) 2500 kilometers
- (c) 3200 kilometers
- (d) 3230 kilometers

**12. Which of the following cannot be concluded with respect to the given table?**

- (a) Suresh travelled the longest distance.
- (b) Naresh travelled the longest distance.
- (c) Total distance travelled by Yogesh is less than that of Mahesh.
- (d) Total distance travelled by Yogesh is less than that of Suresh.

**13. Rahul lent some money to Taran at a simple interest rate, which resulted in an amount of Rs. 4325 in 2 years and Rs. 6125 in 5 years.**

**Determine the principal amount and the rate of interest.**

- (a) Sum = Rs. 2514 and rate = 17.5%
- (b) Sum = Rs. 3400 and rate = 18%
- (c) Sum = Rs. 3125 and rate = 19.2%
- (d) Sum = Rs. 2225 and rate = 17.2%

**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 passages only.

**Passage – 1**

The government has directed telecom operators to block all incoming international spoofed calls that display Indian mobile numbers. It has been reported that fraudsters were making international spoofed calls displaying Indian mobile numbers to Indian citizens and committing cybercrime and financial frauds, the Department of Telecom (DoT) said. Such calls appeared to be originating within India but were being made by cyber criminals from abroad by manipulating the calling line identity, and had been misused in recent cases of fake digital arrests, 'FedEx scams', false claims of drugs or narcotics in courier, impersonations as government and police officials, disconnections of mobile numbers by DoT or Telecom Regulatory Authority of India officials, and so on.

**14. With reference to the above passage, consider the following statements.**

- 1 to block incoming international spoofed calls with Indian landline numbers. . Telecom Service Providers (TSPs) do not have the technology
2. Spoofing technology is itself outdated; rather the fraudsters manipulate the weak document verification mechanism to illegally obtain sim cards.
3. Cybercriminals are targeting the vulnerabilities related to trust in and fear of authority figures.

**Which of the statements given above are true?**

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

**Passage – 2**

The objective of education is to turn the soul towards light. Plato stated that the main function of education is not to put knowledge into the soul but to bring out the latent talents in the soul by directing it towards the right objects. He thought that education should develop the sense of ideas in people, who possess the ability and purpose to perform their assigned tasks. Thus, education aims to enable a person to acquire the knowledge of the absolute good. Plato believed that young minds could be shaped easily if directed properly. He stressed the tremendous receptive potential of human mind which is why, according to him, early education plays a crucial role in the overall development of the individual.

**15. On the basis of the passage given above, the following assumptions have been made:**

1. The passage defines "light" in a metaphorical sense, representing knowledge, understanding, or virtue.
2. The sole purpose of education is to help people perform their assigned tasks.

**Which of the assumptions given above are correct?**

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

**Passage – 3**

Imagine yourself in the place of a person with visual impairment heading to the supermarket to buy a toaster. You start by booking a cab ride through a mobile app, but since the app is not accessible, you seek external help to book the ride. At the supermarket, there are no tactile pavements in the building, so you seek external help to reach the electronic appliance section and buy a toaster. When you reach home, you realise the toaster is defective and try to contact the customer support of the toaster company. But since the contact details are printed on the outer pack, you seek external help to read them. Discovering that the company only accepts written complaints via postal mail, once again you seek external help to send a complaint to the company.

**16. Which of the following statements can be inferred from the above passage?**

1. The pervasive inaccessibility undermines the right of people with disabilities to lead an independent life.
2. Seeking help for the most basic human activities may lead to loss of independence, and privacy.

**Choose the correct answer using the codes given below.**

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

**17. Which of the following statements best reflects the underlying tone of the passage?**

- (a) Humorous
- (b) Aggressive
- (c) Prejudiced
- (d) Sympathetic

**18. In a team of 3 members (including the lead), the salary of two junior employees are 20% and 30% less than their lead. By what percentage is the salary of the first junior employee more/less than that of the second junior employee?**

- (a) 10%
- (b) 15.33%
- (c) 14.5%

- (d) 14.28%

**19. Aman’s pocket money is 10% less than Bhushan, Bhushan’s pocket money is 25% more than Raman, and Raman’s pocket money is 20% less than Dinesh. If Aman gets Rs. 360 less than Dinesh, then which of the following is correct?**

- (a) Pocket money of Dinesh is Rs. 3600.
- (b) Pocket money of Bhushan is Rs. 3600.
- (c) Pocket money of Raman is Rs. 3240.
- (d) Both (a) and (b)

**20. Identify the statements that prove the following conclusion to always be true:**

“33% students in the school have neither brown hair nor brown eyes.”

**Statements:**

- I. In the school 35% students have brown hair.
  - II. In the school 50% students have brown eyes.
  - III. 18% students in the school have both brown hair and brown eyes.
- (a) I and II
  - (b) I and III
  - (c) II and III
  - (d) I, II and III

**Direction for the following 3 (three) items:**

Read the information given below and answer the items that follow.

The line graph given below shows the number of ACs sold in Bihar and Jharkhand in 6 different days of a certain week.



**21. Find the average number of ACs sold in the state of Bihar in all the given days taken together.**

- (a) 380
- (b) 360
- (c) 400
- (d) 420

**22. The total number of ACs sold in Bihar on Sunday is 20% more than that sold on Thursday. Find the total numbers of ACs sold in Bihar on Tuesday, Friday and Sunday taken together.**

- (a) 588
- (b) 1060
- (c) 908
- (d) 1208

**23. The ratio of the total number of ACs sold in Jharkhand on Tuesday, Thursday and Saturday taken together to the total number of ACs sold in Bihar on Monday, Wednesday and Friday taken together is:**

- (a) 5 : 8
- (b) 6 : 7
- (c) 8 : 5
- (d) 5 : 4

**24. Consider the Question given below, which is followed by two Statements I and II.**

**Question:** A person invested Rs. 720 at simple interest. What is the rate of interest per annum?

**Statement-I:** The invested amount of Rs. 720 becomes Rs. 1230 after 17 months.

**Statement-II:** Interest earned after 30 months is Rs. 900.

**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.

**25. The simple interest at the end of 2 years on a sum of Rs. 5600 is Rs. 640. Consider the following statements:**

1. The simple interest on Rs. 4200 in 2 years at the same rate will be Rs. 420.
2. Rs. 2800 becomes Rs. 3120 in 2 years at the same rate of simple interest.

**Which of the statements given above is/are correct?**

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

**26. In Delhi University examination, 65% students passed in Mathematics, 60% in English and 40% passed in both of these subjects. If 135 students failed in both English and Mathematics, then what is the total number of students?**

- (a) 1125
- (b) 1050
- (c) 975
- (d) 900

**27. Consider the following statements:**

1. If 15% is 90, then 65% is 390.
2. If 33% of 63% = 105, then 100% is approximately 500.
3. If 150 becomes 174, then the approximate percentage change is 16%.

**Which of the statements given above is/are correct?**

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

**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 passages only.

**Passage – 1**

Machiavelli had nostalgia for the glorious past of the Romans because they had a republican form of government under which they had achieved greatness and power. While expressing his republican sentiments,



he further argued that under republican government power can also be easily shared among the nobles and the people. He drew on the classics to take hold of the contemporary realities and future. He particularly adulated the glory of the Roman Republic. Machiavelli was an ardent lover of individual liberty and an unabashed lover of all political virtues that can bring glory to the state. Like the Roman army and his contemporary French army, he advocated for national armies where training was compulsory for all able bodied men between seventeen and forty.

**28. Which one of the following statements is true with respect to the above passage?**

- (a) Machiavelli grew up in social, religious and political vacuum and witnessed violence and prevalent social conflicts in his early days.
- (b) A return to a Roman-style socio-political setup is the only viable path to success for all states.
- (c) There could be a coherence between Machiavelli's emphasis on individual liberty and maintenance of armies.
- (d) Machiavelli believed a strong national army was achievable only in a republic.

**Passage – 2**

In India, the automobile industry contributes 7.1% of the country's GDP and 49% of the manufacturing GDP. As a result, India's car industry plays a big role in both macroeconomic expansion and technological improvement. Therefore, the government's main goal is to increase the automobile industry's share by enacting new laws and programs. To meet the growing demand for automobile production in the nation, numerous manufacturers are investing in both new and existing plants. Furthermore, the Indian government unveiled a new car scrappage strategy in 2021, with the main goal being to locate and remove unsafe cars from the road. India is a globally recognized centre for automobile manufacturing due to its affordable output. The manufacturing sector is driven by cheap labour costs, easy access to low-cost raw materials, and a weak currency.

**29. With reference to the above passage, consider the following statements:**

1. Car segment holds the largest share in India's automobile industry.
2. Cheap labour cost implies low purchasing power, eventually leading to low domestic demand for automobiles.

**Which of the statements given above is/are correct?**

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

**30. A shopkeeper buys 50 identical items at a total cost of Rs. 1000. He sells 30 of these items at a 20% profit and the remaining 20 items at a 10% loss. Calculate the overall profit or loss percentage.**

- (a) 10%
- (b) 6%
- (c) 12%
- (d) 8%

**31. In an election between two candidates, the candidate who got 59% valid votes won by 1080 votes. Determine which of the following can be concluded, if it's known that no casted vote was invalid.**

- (a) Total votes casted in the election is more than 6000.
- (b) The winning candidate secured 3500 votes.
- (c) The winning candidate secured less than 3500 votes.
- (d) The losing candidate secured more than 2400 votes.

**32. A man earns m% on the first Rs. 3,000 and n% on rest of the income. If he earns Rs. 1,050 from income of Rs 6000 and Rs 1350 from income of Rs 7500, find the value of n.**

- (a) 15
- (b) 25
- (c) 20
- (d) None of these

**33. If the difference between simple interest and compound interest for 2 years on a sum of money lent at a certain rate of interest is Rs. 64, and the compound interest for two years is Rs. 704, then the principal must be:**

- (a) Rs. 2000

- (b) Rs. 800
- (c) Rs. 1600
- (d) Rs. 1200

**34. A person bought two items for a total of Rs. 900. He sold one item at a loss of 10% and the other at a profit of 25%, resulting in no overall profit or loss. Find the cost price of each item.**

- (a) Rs. 642.86 and Rs. 257.14
- (b) Rs. 542.86 and Rs. 357.14
- (c) Rs. 442.86 and Rs. 457.14
- (d) Rs. 342.86 and Rs. 557.14

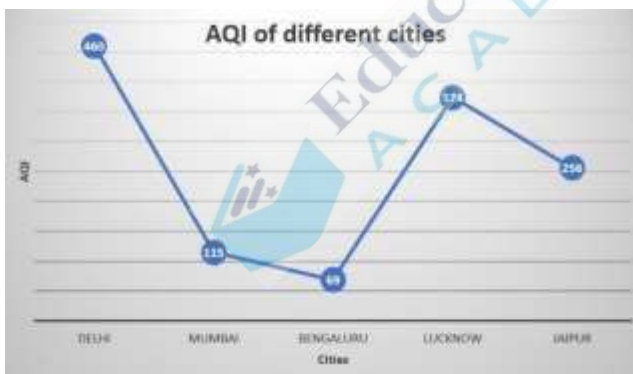
**35. A population of a town increases by 10% in the first year and decreases by 5% in the second year. If the population at the end of the second year is 99,750, what was the initial population?**

- (a) 85450
- (b) 95455
- (c) 98555
- (d) 90000

**Direction for the following 2 (two) items:**

Read the information given below and answer the items that follow.

**The following graph gives the Air Quality Index (AQI) of some cities of India on a certain date:**



**Description of the air quality based on the Air Quality Index (AQI) is as follows:**

Description	AQI
Good/ Satisfactory	0 – 100
Moderate	101 - 200

Poor	201 – 300
Very Poor	301 - 400
Severe	401 – 500

**36. On the given date, how many cities have non - severe air quality?**

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

**37. On the given date, in which of the following cities, persons having respiratory disease(s) needed to be the most cautious?**

- (a) Bengaluru
- (b) Delhi
- (c) Mumbai
- (d) Lucknow

**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 passages only.

**Passage – 1**

When we decide what to do, for instance, decide to pick up that cup of coffee we may unreflectively believe that it is up to us what we decide. If we believe that at least some of our decisions and actions, especially our intentional bodily movements and their consequences, are up to us, we may believe that we are freely deciding or acting, at least at times. Exercising one’s free will involves an exercise of control, or influence, over oneself. Incompatibilists typically agree that lack of compulsion or coercion is necessary for agents to have free will, however, incompatibilists don’t take this kind of freedom of action to be enough control for free will.

**38. With reference to the above passage, consider the following statements.**

1. Deterministic factors might influence our choices.



2. Free will is a complex concept.
3. Incompatibilists set a high bar for what can be called as free will.

**Which of the statements given above are true?**

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

**Passage – 2**

With the collapse of the international colonial structure and the establishment of sovereign countries, [the] international conflict over natural resources was expected to be reduced and replaced by resource policies guided by comprehensive national interests. However, resource use policies continued along the colonial pattern and, in the recent past, a second drastic change in resource use has been initiated to meet the international requirements and the demands of the elites in the Third World, leading to yet another acute conflict among the diverse interests. Local resources thus increasingly move out of the control of local communities and even national governments into the hands of international financial institutions. The massive involvement of international finance in the economic development of Third World countries changes natural resource management strategies in drastic ways.

**39. Which of the following statements can be inferred from the above passage?**

1. Decolonization led to an optimistic expectation that conflicts over natural resources will decrease.
2. Increased control of international financial institutions may impact resource management in developing countries.

**Choose 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 – 3**

Thinkers, like Mahatma Gandhi, have felt that the rights discourse has been fed into the service of an unending chain of satisfactions and gratifications and this discourse has not been sensitive to authentically human pursuits, i.e., pursuits characteristic of human beings qua human. At the same time, we cannot ignore that fascist and authoritarian orders have stressed the duty to contend against liberal stress on rights and the Marxist pursuit of a non-exploitative and just social order. By stressing on duty, they have attempted to instal their interpretation of several cherished values and strivings, such as self-respect and culture. Given such a deployment of the understanding of duty, it necessarily makes this idea a deeply contested one susceptible to different pulls and pressures.

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

1. Fascist and authoritarian orders have emphasized duty as a means to contest the liberal stress on rights.
2. The rights discourse and the emphasis on duty are mutually exclusive and cannot coexist.

**Which of the assumptions given above is/are correct?**

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

**41. A jeweller offers the following schemes for the purchasers of gold jewellery from his shop.**

**Scheme 1:** Two successive discounts of 10% each.

**Scheme 2:** A discount of 14% followed by a discount of 6%

**Scheme 3:** A discount of 12% followed by a discount of 8%

**In which of the following schemes, a purchaser can buy the jewellery at the least price?**

- (a) Scheme 1
- (b) Scheme 2
- (c) Scheme 3
- (d) Cannot be determined

42. Find the ratio between compound interests earned on the sum of Rs. 1000 and Rs. 1500 at a rate of interest of 10% for 2 years?

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

43. A invested Rs. 5,000 on compound interest and B invested Rs. 10,000 on simple interest at the rate of 20% per annum and 15% per annum respectively. A invested for 2 years, while B did it for 3 years. Find the ratio of the interests received by A and B.

- (a) 11 : 12
- (b) 22 : 45
- (c) 2 : 5
- (d) 5 : 7

44. Anurag went to a mall and saw the offers provided by different shops as follows:

Offer by Shop I: Buy 5 get 3 free.

Offer by Shop II: Buy 3 get 2 free.

Offer by Shop III: Buy 7 get 4 free.

Offer by Shop IV: Buy 7 get 5 free.

Which shop provides the best offer, i.e. the most discount?

- (a) Shop I
- (b) Shop II
- (c) Shop III
- (d) Shop IV

45. Rahul sold his old chair for Rs. 171. He observed that the percentage of profit earned was equal to the cost price. Determine the cost price of the chair.

- (a) Rs. 120
- (b) Rs. 60
- (c) Rs. 90
- (d) Rs. 75

46. Manoj went to buy shirts and saw an offer in a shop that was giving 3 shirts free with the purchase of 5 shirts. He decided to shop from that store, and after purchasing, he also received an additional 20% discount. What was the total discount that Manoj received?

- (a) 12.5%
- (b) 37.5%
- (c) 50%
- (d) 40%

47. Ramkumar bought a box of famous Ratnagiri Alfonzo mangoes at 10% discount. He sold them to one of his friends at 20% profit. If his friend paid Rs. 1296 for those mangoes, what was the undiscounted price of the Alfonzo mangoes that Ramkumar saw?

- (a) Rs. 1200
- (b) Rs. 1350
- (c) Rs. 1296
- (d) Rs. 1496

48. A person buys three articles P, Q and R for a total of Rs. 4,565. If P costs 25% more than R, and R costs 40% more than Q, then what is the cost of P?

- (a) Rs. 1125
- (b) Rs. 1720
- (c) Rs. 1250
- (d) Rs. 1925

49. In terms of percentage loss, which of the following transactions would be the best (i.e. with the least percentage loss)?

- (a) CP = Rs. 300; Loss = Rs. 10
- (b) CP = Rs. 500; Loss = Rs. 10
- (c) CP = Rs. 1000; Loss = Rs. 50
- (d) CP = Rs. 700; Loss = Rs. 70

50. The total cost of 4 glasses, 6 spoons and 8 plates is equal to thrice the total cost of 1 glass, 2 spoons and 5 plates. Consider the following statements:

1. The total cost of 3 glasses, 5 spoons and 9 plates is equal to the total cost of 4 glasses, 6 spoons and 8 plates.
2. The cost of one plate is equal to the total cost of seven glasses.

Which of the statements given above is/are correct?

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



**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 passages only.

**Passage – 1**

The percentage of votes recorded under NOTA or ‘none of the above’ dipped nationally in the 2024 Lok Sabha election from the 2019 edition. North-eastern India, however, showed a different trend. According to the Election Commission of India, the percentage of NOTA votes polled across India this time was 0.99%. This was 0.07% less than the 1.06% recorded in 2019. The jump in the NOTA votes in the Northeast indicates the voters were not happy with the choice of candidates in a region known for MLAs switching parties. It could also be an indication that the voters saw the futility in electing leaders who fatten their purses instead of pushing the promised development.

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

1. All North-eastern states recorded an increase in NOTA votes in the 2024 Lok Sabha election.
2. The increase in NOTA votes in North-eastern India indicates that regional factors may differ from the national trend.

**Which of the assumptions given above is/are correct?**

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

**Passage – 2**

As discussions continue for an international legally binding treaty on plastic pollution, it becomes crucial to consider how it can support a fair transition for individuals who collect and recycle waste informally. According to the United Nations Environment Programme, of the 9% recycled, 85% was done by informal recycling workers. These workers collect, sort, and recover recyclable and reusable materials from general waste, alleviating municipal budgets of financial burdens around waste management and, at large, subsidizing the environmental mandate of the

producers, consumers and the government. Yet, these workers are often overlooked and remain highly vulnerable in plastic value chains. They face risks such as increasing privatisation of waste management, waste-to-energy or incineration projects, and exclusion through other public policy interventions in plastic waste management in the norms of Extended Producer Responsibility (EPR).

**52. Which of the following can be the practical implication(s) of the passage given above?**

1. The international treaty on plastic pollution should include provisions to help formalize the informal waste collection and recycling sector.
2. Informal recycling workers are not included in Extended Producer Responsibility (EPR) programs.

**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 – 3**

It is not as if there are not enough health regulations in Indian States. Rather, it is a problem of excess. The other challenge is unrealistic healthcare quality standards. Governments at every level in India — national and States — are known to draft policies which are near perfect. Yet, in 17 years of existence, only 15% to 18% of government primary health-care facilities in India meet the government’s own standards. In most States such as Maharashtra or Kerala, the health indicators are better not because these States have outstanding government facilities but because the facilities and clinics in the private sector are fulfilling the health needs of the people. Yet, when it comes to health-care regulation, there seems to be an unfairness and overzealous attempt to enforce the regulations in the private sector.

**53. What is the main idea of the passage?**

- (a) The private sector is inherently superior to the public sector in healthcare delivery.
- (b) The quality of healthcare provided by private facilities is directly linked to less regulation.

(c) Health regulations are essential, but their implementation in India needs to be nuanced and calibrated.

(d) Both (a) and (b)

**54. What percent of water must be mixed with milk so as to gain 15% by selling the mixture at the cost price of milk?**

(a) 20%

(b) 10%

(c) 15%

(d) 5%

**55. A man buys an article for 20% less than its value (actual cost price) and sells it for 20% more than its value. His gain percent is:**

(a) 50%

(b) 44%

(c) 40%

(d) None of these

**56. A fraction is increased by 30%. Thereafter, the numerator is increased by 340% and denominator is increased by 150%, so that the resultant becomes  $1\frac{3}{5}$ . Determine the original fraction.**

(a)  $\frac{169}{100}$

(b)  $\frac{100}{143}$

(c)  $\frac{25}{34}$

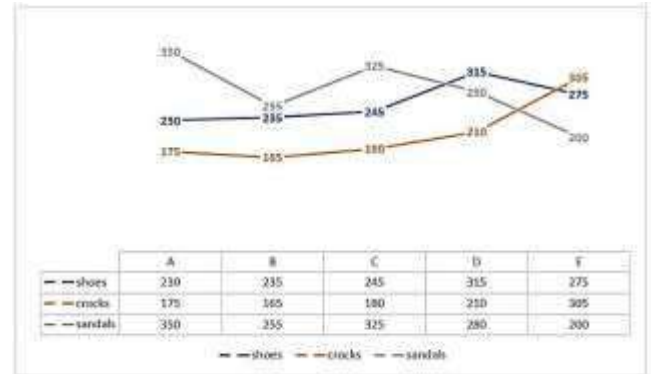
(d)  $\frac{34}{25}$

**Direction for the following 3 (three) items:**

Read the information given below and answer the items that follow.

The line-chart given below shows the number of shoes, the number of crocks and the number of sandals sold by five different shops.

Study the line chart and answer the three items that follow.



**57. Which of the following options can be concluded with respect to the given line-chart?**

(a) The number of crocks sold by shop C is more than the number of shoes sold by shop A.

(b) The ratio of the shoes sold by shop C to the crocks sold by shop D is 7 : 6.

(c) Both options (a) and (b)

(d) None of these

**58. By what percent is the number of sandals sold by shop A more/less than the number of crocks sold by shop D?**

(a) 37.5%

(b) 33%

(c) 16.33%

(d) 66.67%

**59. Find the ratio of the total number of shoes sold by all shops together to the total number of sandals sold by all shops together.**

(a) 97 : 253

(b) 282 : 253

(c) 130 : 141

(d) 25 : 37

**60. There is a sample of milk with 50% water in it in one container and an equal volume of pure milk in another container. If  $\frac{1}{4}$ th of the diluted milk from first container is added to half of the pure milk contained in the second container, then what will be the percent component of water in the new mixture?**

(a) 20%

(b) 25%

(c) 30%

(d) 40%



**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 passages only.

**Passage – 1**

The politics of oil again is something that the world cannot ignore for much longer. The axis between China-Russia-Iran indicates that the politics of oil is set to roil the world soon. In such a milieu, today's sanctions have ceased to have any meaning. The world, according to economists, should, hence, be prepared for a major slowdown. Next, technology is all set to become the ultimate disruptor. Manifest attempts are being made by several leading countries to enhance their national security by protecting vital technologies, over which they possess a near-monopoly today. Finally, it is also necessary to recognise that with most arms control agreements having frayed, new nuclear warheads and cruise missiles are possibly being kept in readiness for use.

**61. Which one of the following statements best reflects the critical message conveyed by the passage given above?**

- (a) Oil is volatile and vital in peaceful times, and it becomes even more so in war.
- (b) Countries believe that controlling vital technologies is crucial for national security.
- (c) The confluence of three major trends of oil, technology and nuclear power could significantly impact global security.
- (d) The development of new nuclear warheads is a direct result of countries protecting vital technologies.

**Passage – 2**

The Supreme Court has asserted in a judgment that forests in India are a national asset and a major contributor to the nation's financial wealth. The court said concepts of carbon credit and green accounting to evaluate a nation's wealth had become a reality. A country with excess forest cover would be in a position to sell its excess carbon credit to the one in deficit. The judgment said India's forests serve as a major sink of carbon dioxide. India could lose anywhere around 3% to 10% of its GDP annually by the year 2100 due to

climate change, the judgment noted from the RBI document. Therefore, the adverse effect will be on the future of the nation as a whole.

**62. Which one of the following statements best reflects the most critical inference that can be made from the passage given above?**

- (a) Whether forests can continue to be a CO<sub>2</sub> sink depends upon the future effect of CO<sub>2</sub> fertilization.
- (b) Protecting forests is crucial for India's economic and environmental well-being.
- (c) Carbon credit and green accounting measures will put the forest dwellers, who earn livelihood from minor forest produce, at a disadvantage.
- (d) Conservation of forests is impossible without involving the disciplines of finance and economics.

**Passage – 3**

In periods of conflict or authoritarianism, women often become targets of human rights violations because of their gender and the marginalization they suffer in many societies. They may be subjected to physical and sexual violence, as well as other violations that affect them in unique ways, such as the enforced disappearance of their loved ones, displacement, and socio-economic discrimination. They endure a higher risk of exploitation due to poverty worsened by the loss of a primary breadwinner and ostracization by their families and other close social networks. Compounding these harms, women's ability to seek recourse is often severely limited, due to structural inequalities. Even transitional justice mechanisms themselves can be blind to the particular needs of women if badly designed, and responses can mirror the gendered power imbalances in society at large.

**63. Which of the following can be the practical implication of the passage given above?**

- (a) It is important that a gendered approach is taken at every part of a conflict resolution or reconciliation process.
- (b) Transitional justice is the best mechanism to ensure women safety in post conflict society.
- (c) All transitional justice mechanisms are blind to the needs of women.

(d) Women have no agency to protect them against their human rights violations.

**64. By selling oranges at the rate of 80 for Rs. 4000, Sakibai makes a loss of 40%. How many should she sell for Rs. 2000, so as to gain 20%?**

- (a) 20 oranges
- (b) 12 oranges
- (c) 14 oranges
- (d) 10 oranges

**65. Naresh sold some of the 220 kg guavas at 20% profit and the rest at 9% profit. He clocked a net profit of 13%. What quantity did he sell at 9% profit?**

- (a) 120 kg
- (b) 125 kg
- (c) 150 kg
- (d) 140 kg

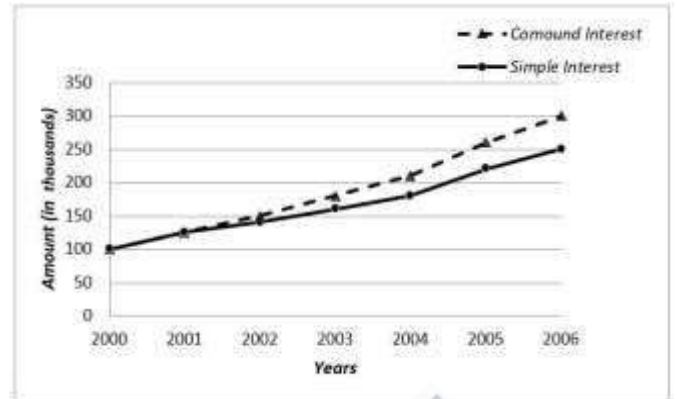
**66. The cost of four potatoes, two tomatoes and three lemons is Rs. 55. While the cost of one potato, three tomatoes and two lemons is Rs. 30. Bankebihari decided to buy 13 potatoes, 13 tomatoes and 13 lemons. Determine the amount paid by Bankebihari.**

- (a) Rs. 221
- (b) Rs. 225
- (c) Rs. 256
- (d) Rs. 245

**67. Shilpa bought 2 dresses for her daughters for Rs. 74.80 at a discount of 20%. Which of the following can be concluded from this?**

- (a) The marked price of each dress must be Rs. 48.5.
- (b) The marked price of each dress must be less than Rs. 50.
- (c) The marked price of each dress must be more than Rs. 50.
- (d) The marked price of each dress must be Rs. 45.

**68. Consider the following graph which shows the amount lent by a money lender on simple interest and compound interest in different years.**



**Which of the following is/are correct with reference to the graph given above?**

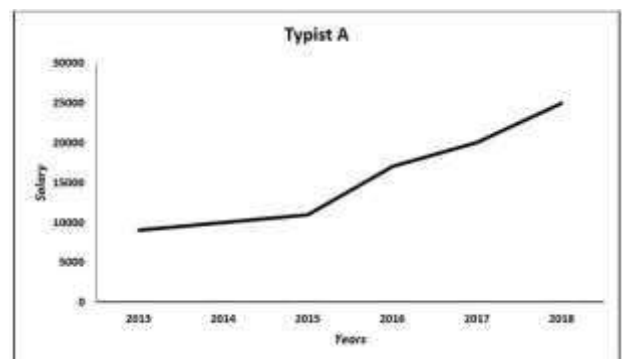
1. During the first two years, the money lender lends the same amount on simple interest and compound interest.
2. The difference between amounts lent on simple interest and compound interest is increasing gradually after 2001.
3. The amount lent on simple interest in 2004 is roughly the same as the amount lent on compound interest in 2003.

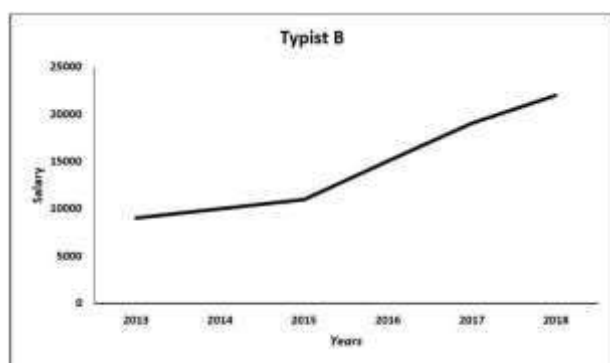
**Select the correct answer using the codes given below.**

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

**69. The graphs given below show salary (in Rs.) of two typists from two different organizations.**

**Study the graphs carefully and answer the item that follows.**





Which one of the following statements is correct with reference to the graphs given above?

- (a) For first three years, salary of both typists seems to be the same.
- (b) Rate of increase of salary is the same for both the typists throughout the given timeperiod.
- (c) Range of salary (i.e., the difference between the maximum and minimum salary drawn) of the two typists is the same.
- (d) None of these

70. Rs. 35000 is borrowed at compound interest at the rate of 4% for the first year, 5% for the second year and 6% for the third year. Find the amount to be paid after 3 years.

- (a) Rs. 50513.2
- (b) Rs. 35510.2
- (c) Rs. 40513.2
- (d) Rs. 38503.2

71. A sum of Rs. 15000 is lent partly at 7% simple interest per annum and the remaining at 11% simple interest per annum. If the yearly interest on the average is 8.5%, then the two parts are:

- (a) 1st part = Rs. 9375; 2nd part = Rs. 5625
- (b) 1st part = Rs. 9275; 2nd part = Rs. 5525
- (c) 1st part = Rs. 8375; 2nd part = Rs. 5625
- (d) 1st part = Rs. 9375; 2nd part = Rs. 5525

Directions for the following 5 (five) items:

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

### Passage – 1

The moral development of an individual is a sine-quanon of being educated, without which education is relegated to mere literacy and proves to be not only harmful, but dangerous to the individual as well as to society. The moral context in education, therefore, needs to be brought back. It has been devalued as a result of a mad race wherein people derive satisfaction in leaving others behind, whereas growth is defined as competing with others and defeating them. In pursuit of the superficial, peripheral, and physical, man has lost the essential, the subtle and the spiritual. We must, therefore, as teachers, obtain the right perspective of morality, moral consciousness, and moral education.

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

1. There is a need to infuse value orientation in the framework of education.
2. Moral education is often mistaken for religious education.

Which of the assumptions given above is/are correct?

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

### Passage – 2

Science today links people's genes to their susceptibility to diseases like cancer. Similarly, in our bodies, our DNA is like the recipe for making and maintaining us. If there's a mistake in the DNA code, called a mutation, it can change how our cells behave. Just like the wrong ingredient can change how our recipe turns out, a DNA mutation can change how our cells grow and function, sometimes leading to cancer. Therefore, what we must primarily understand is what are the mutations in the genes causing cancer. Research suggests that there are close to 3,000 such cancer causing genes. With each gene containing thousands of DNA codes, and each code potentially holding vital information about cancer development, the sheer volume of data analysis for a human can become quite overwhelming. And seemingly impossible.



**73. Which among the following is the most logical and rational inference that can be made from the passage given above?**

- (a) An individual's genetic makeup could provide valuable insights into their susceptibility to cancer.
- (b) Understanding the intricacies of cancer gene mutation through data analysis is a challenge.
- (c) The gene mutations that cause cancer can be genetically inherited.
- (d) Cancer is caused only by changes at genetic level.

**Passage – 3**

Agriculture whether traditional or modern involves intervention and modification of the natural ecological systems. Ever since man started practising agriculture, his main aim has been to modify the agro-ecosystem in such a way as to remove or diminish natural limitations upon productivity and to provide a more favourable environment for crop growth. These modifications include the introduction of new species or varieties of crop plants and livestock, the elimination of competing plants (weeds etc.) and other organisms by the use of pesticides and removal of habitats, the use of high level of fertilisers, manipulation of soil conditions by tillage, and control of soil moisture by irrigation and drainage. Removal of trees (deforestation) and clearing the land for agriculture destroy the habitats of many kinds of living organisms. Deforestation ultimately leads to problems like soil erosion, loss of nutrients and desertification.

**74. On the basis of the passage given above, the following assumptions have been made:**

1. The details of what constitutes a sustainable agro-system remains consistent over time and space.
2. It is high time we explore the possibility of farming on other planets.

**Which of the assumptions given above is/are correct?**

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

**Passage – 4**

Human beings mine phosphate rocks and guano deposits to make phosphorus available for production of fertilisers, detergents, animal feed, medicines, pesticide: and numerous other products. This mining exposes phosphate deposits made over millions of years. Phosphates are removed from soil through cropping of vegetation, and to replace it phosphate fertilisers have to be added. Because of the abundance of calcium, iron and aluminium in the soil much of the phosphates get immobilised as insoluble salts. Thus more fertilisers have to be added. This results in high concentration of phosphates in agricultural runoffs. Similarly concentration of phosphorus in detergents, wastes of food processing plants, animal feed lot, sewage, etc., add to a considerable quantity of phosphorus poured in natural waters. This problem becomes acute in urban areas.

**75. Which one of the following statements best sums up the passage given above?**

- (a) Human activities are causing an increase in phosphorus entering natural waters.
- (b) Phosphates are inherently harmful to natural habitats, even in small amount.
- (c) There are no regulations to control phosphorus entering water bodies.
- (d) Phosphate concentration is acute in all urban areas, and moderate in all rural areas.

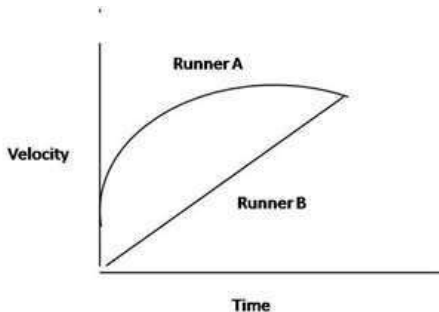
**Passage – 5**

In a developing economy like India where foodgrains have the largest share in the food basket of the poor, food security basically means that people have physical and economic access to foodgrains. Food security requires that people also have economic access to food, i.e., they have enough purchasing power so that they can purchase the required amount of food. Self-sufficiency in foodgrains at the national or macro level does not necessarily mean self-sufficiency at the regional or state level. In India only five states have a surplus food production while other states are food deficit states. Higher production of food grains does not automatically solve the problem of food security. It alone does not guarantee that food is available to those who need it.

76. Which one of the following statements most likely reflects the intention of the author?

- (a) Food security issues in developing economies are due to a lack of purchasing power.
- (b) Surplus food grain production translates into better food security.
- (c) Food security is about access to affordable food grains, not just self-sufficiency in production.
- (d) In India, food security means physical and economic access to wheat and rice.

77. Consider the following velocity time graph for two runners:



With reference to the above graph, which of the following statements is not correct?

- (a) At some moment, Runner A has acceleration greater than Runner B.
- (b) Runner A is faster than Runner B at all times
- (c) Both the runners cover different distances in the same given time interval.
- (d) Both the runners have different velocities at the beginning.

78. To start a new venture, Satyam took a loan of Rs. 1,44,000 at 6.25% simple interest. After three years, he paid Rs. 44,000. Bank recalculated the principal amount due after adding up the interest for three years and deducting the repaid amount after three years. However, due to heavy losses in the business he was not able to pay the remaining amount. After four more years, his car was seized by the bank and auctioned to recover the loan.

Find the selling price of the car in the auction.

- (a) Rs. 1,58,750
- (b) Rs. 1,45,200
- (c) Rs. 1,60,000

(d) Rs. 1,65,200

79. A showroom owner marks his products at 25% above the cost price. But due to a slump in the market, the cost of the products reduces by 10%. If to boost his sales, he decides to offer an extra discount of 20%, the percentage of profit/loss earned by showroom owner must be:

- (a) 100/9% profit
- (b) 20% loss
- (c) 10% profit
- (d) 15/4% profit

80. Consider the Question and the two Statements I and II given below.

**Question:** A person buys three articles x, y and z for Rs. 75. The price of the article y is Rs. 21, which is the least. What is the price of the article x?

**Statement-I:** The cost of x is not more than that of z.

**Statement-II:** The cost of z is not more than that of x.

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.

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