

OICL Assistant Previous Year Paper 2015

Directions (1-4): Study the following information carefully and answer the questions given below.

Ten boxes A, B, C, D, E, F, G, H, I, and J are kept one above the other in shelves but not necessarily in the same order. The lowermost shelf is numbered as 1 and the topmost shelf is numbered as 10.

Box E is kept three boxes below box A. Box C is kept two boxes above box H which is kept at an odd-numbered position but not on Shelf 3. The number of boxes placed between Box H and box B is more than the number of boxes placed between box C and box A. Box G is kept immediately below box A. Only two boxes are kept between box I and box G which is kept above I. Box B is not kept adjacent to box G and Box C but it is placed below Box D. Box F is kept adjacent to box H. Box B is not placed above Box J which is not

Q1. How many boxes are kept between box A and box I?

- (a) One
- (b) Five
- (c) Two
- (d) Four
- (e) Three

Q2. Four of the following boxes are kept in a certain way. Which among the following is not kept in that way?

- (a) G
- (b) H
- (c) E
- (d) F
- (e) I

Q3. Which of the following statement(s) is/are false?

- I. Difference between the number of boxes kept between box A and box I is 4.
 - II. Box F is kept between box H and box G.
 - III. Even number of boxes are kept between box A and box I.
- (a) Only I
 - (b) Both II and III
 - (c) Only III
 - (d) Both I and II
 - (e) All I, II and III

Q4. Which among the following boxes is kept four boxes above box I?

- (a) Box C
- (b) Box F
- (c) Box H
- (d) Box A
- (e) None of these

Q5. If in the given word “ABBREVIATORY” vowel is replaced with its immediately succeeding vowel and consonant is replaced with its immediately succeeding letter. Then the repeated letters are dropped and the remaining letters are arranged in alphabetical order from left to right. Which among the following letter is second to the left of the second letter from the right end after arrangement?

- (a) Z
- (b) W
- (c) O
- (d) I
- (e) None of these

Directions

the given statement is sufficient to answer the question.

Q6. Five patients

to Friday. On

Statement I

after patient

Statement II

patient T's a

(a) If statem

(b) If both s

(c) If neither

(d) If either

(e) If only st

Q7. Five students

in a competition

Statement I

Statement II

(a) If statem

(b) If both s

(c) If neither

(d) If either statement I or II is sufficient

(e) If only statement II is sufficient

Directions (8-10): In each question below, some statements are given followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements, disregarding commonly known facts.

Q8. Statements:

All mangoes are kiwis

No kiwis are lemons

All lemons are limes

Conclusions:

- I. Some limes can be kiwis
- II. No Mangoes are lemons
- (a) Only I follows
- (b) Both I and II follow
- (c) Only II follows
- (d) None follows
- (e) Either I or II follows

Q9. Statements:

- Only metals are minerals
- No metals are plastics
- All plastics are minerals

Conclusion:

- I. No rubber is metal
- II. Some metals are plastics
- (a) Only I follows
- (b) Both I and II follow
- (c) Only II follows
- (d) None follows
- (e) Either I or II follows

Q10. Statements:

- Only a few chairs are tables
- All chairs are furniture
- All furniture are tables

Conclusion:

- I. Some desks are tables
- II. Some desks are chairs
- (a) Only I follows
- (b) Both I and II follow
- (c) Only II follows
- (d) None follows
- (e) Either I or II follows

Directions

below.

There are eight persons named J, K, L, M, N, O, P and Q sit around a square table. Four persons sit at the corners of the table facing away from the centre, while the other four persons sit at the middle of the side of the table facing towards the centre. Persons sit at the corners like different fruits among Banana, Apple, Grapes and Mango. Persons sit at the middle of the side like different vegetables among Cucumber, Brinjal, Beans and Cabbage. All the information is not necessarily in the same order. Number of persons sit between the one who likes apple and Q when counted from left of Q is same as the number of persons sit between L and the one who likes brinjal when counted from the right of L. M sits opposite to the one who likes Banana. The one who likes Beans sits 2nd to the left of K. O sits just next to the person who likes Brinjal. Q sits opposite to the person who likes Brinjal. K sits just next to P who likes Mango. N sits opposite to the person who likes Cucumber but not adjacent to the one who likes grapes. O sits 2nd to the left of M.

Q11. Who among the following person likes Cabbage?

- (a) J
- (b) N
- (c) L
- (d) M
- (e) None of the above

Q12. Who sits opposite to the person who likes Apple?

- (a) J
- (b) The one who likes grapes
- (c) P
- (d) The one who likes Cabbage
- (e) N

Q13. Who sits to the right of the person who likes Apple?

- (a) J
- (b) N
- (c) The one who likes Cabbage
- (d) L
- (e) None of the above

Q14. Who sits to the left of the person who likes Apple?

- (a) J
- (b) K
- (c) None of the above
- (d) O
- (e) Q

Directions: One of the unfortunate paradoxes of our lives today is that although we have adequate food production and amazing technological advances in food production, worldwide is not getting enough of the right food to eat and approximately 800 million people are hungry even though we have enough food. The United Nations has adopted the Sustainable Development Goals with the aim of eradicating hunger by 2030. The United Nations has adopted the Sustainable Development Goals with the aim of eradicating hunger by 2030. The United Nations has adopted the Sustainable Development Goals with the aim of eradicating hunger by 2030.

Q15. Which of the following abrogates the issue stated in given statement?

- (I) Chief of Food & Agriculture organization of United Nations has given a statement that hunger rate is increasing day by day.
- (II) Farming of vegetables & fruits can aid in food production of India.
- (III) In a recent survey by a medical association, it is found that most of the ill people in world are affected by consumption of Alcohol & tobacco.
- (a) Only II
- (b) Only I and III
- (c) Only III
- (d) Only II and III
- (e) None of them

Directions (16-19): Study the following information carefully and answer the questions given below.

In this code language,

"Technology is advancing" is coded as "10MJ 11TK 3RC"

"Information and communication" is coded as "14LN 4MD 12LL"

"Future innovations are key" is coded as "4VD 7IG 4ID 12ML"

Q16. What will be the code for "Mindless" as per the given code language?

- (a) 9HP
- (b) 13HI
- (c) 1HP
- (d) 9HI
- (e) None of these

Q17. What will be the code for "Mindless" as per the given code language?

- (a) 11KM 13
- (b) 13XM 12
- (c) 12XM 11
- (d) 10XM 12
- (e) None of these

Q18. What will be the code for "Mindless" as per the given code language?

- (a) 7LG
- (b) 7XG
- (c) 3XT
- (d) 8ML
- (e) none of these

Q19. What will be the possible word for "84" as per the given code language?

- (a) Manual
- (b) Mammal
- (c) Moonlight
- (d) Mountain
- (e) Mentors



Q20. If 1 is added to all the even digits and 2 is subtracted from all the odd digits and then all the digits are arranged in ascending order from right to left, which of the following has the minimum number of digits repeated in the new number thus formed?

- I. 5463298724
- II. 3549563427
- III. 4983476458

- (a) Only I
- (b) Only III
- (c) Both II and III
- (d) All I, II and III
- (e) Both I and III

Directions (21-24): Study the following information carefully and answer the questions given below.

Eleven persons: M, N, O, P, Q, R, S, T, U, V and W gave the IBPS PO Prelims exam in three different exam centres: A, B and C. At least three and not more than four persons gave exam at a particular centre. R gave the exam at the same centre as O but not at Centre B. U and V gave the exam at Centre C. Exam of N, V and W are at different centres. P and W gave the exam at different centres. P didn't give exam in the same centre as V. R didn't give exam in the same centre as P. Q did not give the exam at the same centre as W and V. T and S gave exam at different centre. S gave exam in Centre A. T and Q gave exam at different centres. M didn't give exam in the same centre as V and Q.

Q21. Who among the following persons gave the exam in the same centre as O?

- (a) N
- (b) V
- (c) M
- (d) S
- (e) None of these

Q22. Which of the following persons gave the exam at Centre A?

- (a) W and U
- (b) P gave the exam at Centre A.
- (c) M and V
- (d) Q and S
- (e) All are true

Q23. Which of the following persons gave the exam at Centre B?

- (a) S and V
- (b) P and N
- (c) U and N
- (d) S and R
- (e) None of these

Q24. In which centre, at least, the number of persons gave exam?

- (a) Centre A
- (b) Centre B
- (c) Centre C
- (d) Either Centre B or Centre C
- (e) Either Centre B or Centre C

Q25. Statement: The government is considering a proposal to make financial literacy education mandatory in schools across the country to help students understand the basics of saving, investing, and managing debt from an early age.

Arguments:

- I. Yes, mandatory financial literacy education will equip students with essential skills that are crucial for managing personal finances effectively in adulthood.
- II. No, adding financial literacy as a mandatory subject will increase the burden on students who are already struggling with an overloaded curriculum.
- III. Yes, early financial education can reduce the chances of individuals falling into debt traps and make them more responsible citizens.

Which of the following arguments are strong?

- (a) Only I is strong
- (b) Only I and III are strong
- (c) Only II is strong
- (d) All I, II, and III are strong
- (e) Only III is strong

Directions (26-29): A word and number arrangement machine when given an input line of words and numbers rearranges them following a particular rule in each step. The following is an illustration of an input and rearrangement.

Input: 48 Stream 82 Damage 35 read 57 apple unit 9 86 end

Step I: Apple

Step II: Appl

Step III: End

Step IV: End

Step V: Unit

Step VI: Unit

And Step VI

As per the r

step for the

Input: 76 M

Q26. In wh the block 92" found in

- (a) Step I
- (b) Step II
- (c) Step III
- (d) Step V
- (e) No such

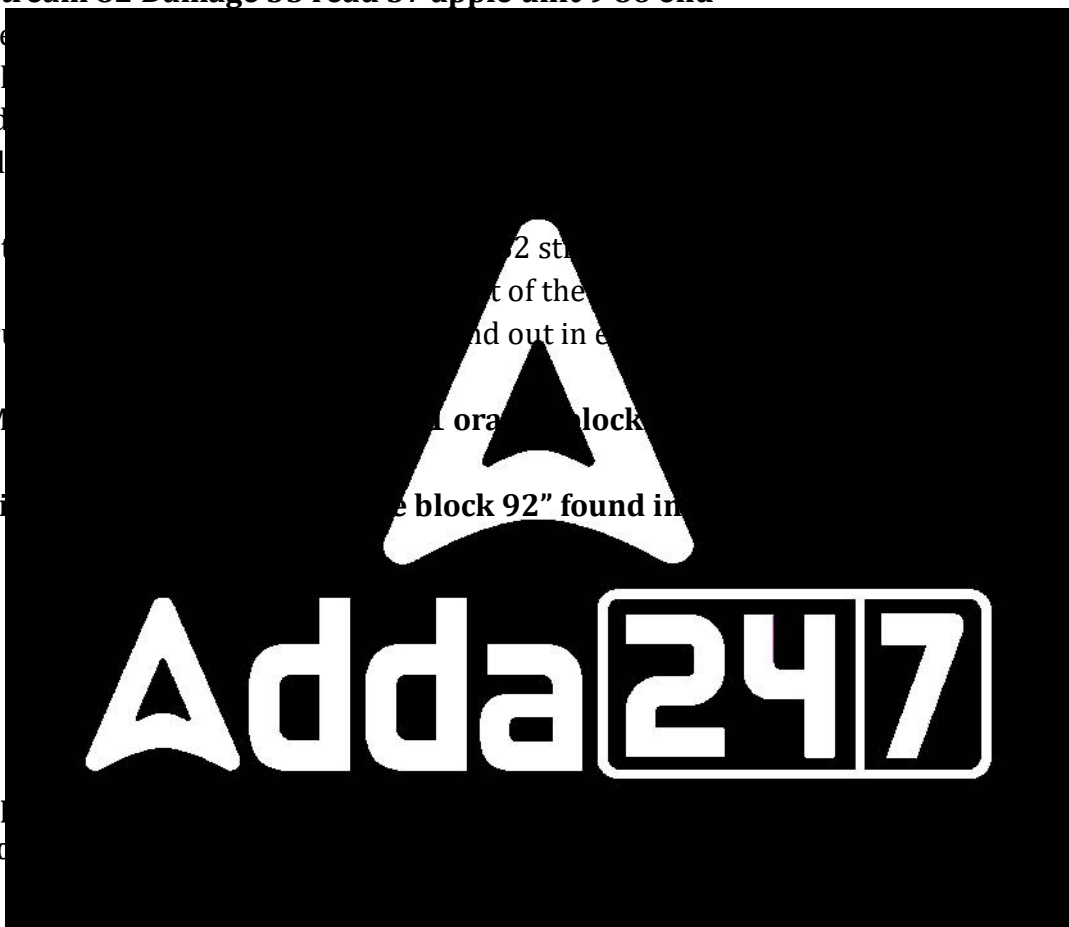
Q27. In ste

element fro

- (a) 43
- (b) Orange
- (c) Exams
- (d) None of these
- (e) 92

Q28. How many numbers are there to the right of "mountain" in step III?

- (a) Three
- (b) Four
- (c) Two
- (d) One
- (e) None



(a) Idol 29 orange 43 exams 5 write 61 block 92 mountain 76
(b) Idol 29 exams 5 write 61 block 92 Orange 43 mountain 76
(c) Orange 43 idol 29 exams 5 write 61 block 92 mountain 76
(d) Orange 43 idol 29 exams 5 write 61 block 76 mountain 92
(e) None of these

Which of th

- (I) Holding s
(II) The freq
(III) All poli
(a) Only I an
(b) Only II
(c) Only I an
(d) Only III
(e) Only I

There are ten persons S, R, T, U, V, W, X, Y, Z and A. S is brother-in-law of A. P is sister of S. S has two siblings. S is daughter-in-law of V. A is uncle of X. W is grandfather of S. S has only one child. D has two children i.e., one son and one daughter. T is grandfather of X. X and K are not siblings. T is not brother-in-law of D. S has only one son. R is brother of X and G is same. S has only one sibling.

(a) Aunt
(b) Sister
(c) Mother
(d) Grand mother
(e) None of these

(a) Mother
(b) Aunt
(c) Sister-in-law
(d) Sister
(e) None of these

Directions (33-35): Study the following information carefully and answer the questions given below.

8 R # 5 % T 3 7 \$ L 9 & F 4 K * 6 E ^ N 1 @ G 2 W 7 D Q 8 U 5 Z

Q33. If all the symbols are dropped from the given series which element will be fifteenth from the right end?

- (a) 2
- (b) Q
- (c) 6
- (d) 5
- (e) K

Q34. Which element is exactly in the middle of the given series? (Note: If there are two elements in the middle, then choose the one which is to the left end)

- (a) L
- (b) N
- (c) T
- (d) W
- (e) F

Q35. Which element is exactly in between of the following series?

- (a) E
- (b) ^
- (c) F
- (d) N
- (e) None of these

Directions (36-40): Study the following information carefully and answer the questions given below.

Eight persons (Karan, Siya, Gita, Roy, Riya, Varun, Hina and Rahul) get salary on four different dates - 6, 12, 18 and 24 of every month. They get different amount of salary per month (in thousands): 15, 22, 30, 43, 50, 54, 57 and 63. No two persons get salary on the same date.

Karan gets 7000 less amount of salary than Siya. Gita gets salary on a date before Roy and Riya get the salary. Riya gets her salary on an even number date but not in the month of March. The one who gets 30000 gets it on the 12th but not in September. Varun gets his salary on a date before Hina but after Karan. Four persons get salary between the one who gets 30000 and Roy. The one who gets 63000 on the date which is a multiple of 4. Hina gets salary after Roy. The amount of salary Hina gets is 8000 less than the amount of salary which Varun gets. The one who gets the salary two persons before Riya gets an amount of 50000. The one who gets salary immediately after Siya gets an amount of salary which is completely divisible by 9. Neither Gita nor Roy gets the lowest amount of Salary. Rahul gets more salary as compared to Hina.

Q36. Who among the following persons gets salary on the 6th of September and what is the amount of salary he/she gets?

- (a) Gita- 54000
- (b) Riya- 63000
- (c) Riya- 54000
- (d) Riya-15000
- (e) Gita-15000

Q37. Which of the following statements is/are true?

- (a) Gita gets her salary in the month of September
- (b) Siya gets her salary in the month of September
- (c) Varun gets more amount of salary as compared to Riya
- (d) Siya gets
- (e) All are tr

Q38. Which

- (a) Karan and
- (b) Riya and
- (c) Varun and
- (d) Gita and
- (e) None of

Q39. Who a gets the third h

- (a) Riya
- (b) Karan
- (c) Varun
- (d) Gita
- (e) Hina

Q40. Four of the following five are like in a certain way and hence form a group and the one who doesn't belong to that group.

- (a) Karan
- (b) Riya
- (c) Rahul
- (d) Roy
- (e) Hina

Directions (41-43): Read the following passage carefully and answer the questions given below them.

Industrial Revolution, in modern history, is the process of change from an agrarian economy to one dominated by industry and machine manufacturing. These technological changes introduced **novel** ways of working and living and fundamentally transformed society. This process began in Britain in the 18th century and from there spread to other parts of the world. Although used earlier by French writers, the term Industrial Revolution was first popularized by the English economic historian Arnold Toynbee (1852-83) to describe Britain's economic development from 1760 to 1840. Since Toynbee's time the term has been more broadly applied as a process of economic transformation than as a period of time in a particular setting. This explains why some areas, such as China and India, did not begin their first industrial revolutions until the 20th century, while others, such as the United States and Western Europe, began undergoing "second" industrial revolutions by the late 19th century.

Q41. What change was brought about by the industrial revolution?

- (a) India emerged as an agricultural-dominated country following the advent of the industrial revolution
- (b) The farmers became able to cultivate consistent yields by using advanced technology regardless of seasonal variations.
- (c) The industrial revolution transited the agriculture-based economy into a machine and industry-oriented economy.
- (d) The world economy got more integrated and cross-border production got started after the Industrial revolution.
- (e) None of these

Q42. Which of the following is not a term used in the 'Industrial Revolution'?

- (I) It was an era of rapid technological change.
- (II) Arnold Toynbee was a leading economist of the time.
- (III) The term 'Industrial Revolution' was coined by Britain.
- (a) Only (I)
- (b) Both (II) and (III)
- (c) Only (II)
- (d) Both (I) and (III)
- (e) Both (II) and (III)

Q43. Which of the following is not a synonym for 'novel'?

- (a) repress
- (b) tradition
- (c) surmise
- (d) impetus
- (e) rigorous

Directions: Read the passage carefully and answer the questions given below them.

Despite being one of the most diverse groups of animals on Earth, butterflies and drivers of butterfly diversification were poorly understood by researchers. To address this lacuna, an international team of researchers sequenced 391 genes from nearly 2,300 butterfly species from 90 countries to help reconstruct a new phylogenomic tree of butterflies representing 92% of all genera. While the earlier classification was based more on butterfly morphology, the latest attempt has been based on genome sequencing. As a result, the researchers found that at least 36 butterfly tribes require reclassification. According to the study published recently in the journal *Nature Ecology and Evolution*, butterflies originated in the Americas about 100 million years ago. "Since we sequenced the genomes to reconstruct a large phylogeny (species tree) and used a molecular clock, we were able to estimate the time of origin of butterflies from moths and dispersal of butterflies from North America, which is their place of origin, to the rest of the world," says one of the researchers. "There is no adaptive reason for butterflies to originate in North America. It's more of coincidence that butterflies had their origin in North America where the closest moth relatives of the earliest butterflies were present."

Q44. What can be said about researchers' understanding of the past evolution and diversification of butterflies?

- (a) Researchers weren't much apprised of the evolutionary history and causes behind the diversification of butterflies.
- (b) Researchers have discovered the vast majority of butterfly species and the factors responsible for their variegation.
- (c) Researchers were fully cognizant of the advent of new species of butterflies and how they divaricate from each other.
- (d) Despite researchers having knowledge of all prevailing species, the intricacies of their evolution remained elusive.
- (e) None of the above

Q45. Which of the following is NOT the origin of butterflies?

- (a) The close relatives of butterflies, from the same family, found in all parts of the world.
- (b) The first butterflies, from the same family, found in all parts of the world.
- (c) North America, from the same family, found in all parts of the world.
- (d) All of the above
- (e) Only (a)

Q46. Which of the following is FALSE as per the passage?

- (a) Recent changes in butterfly species have been based on genetic studies.
- (b) All are true.
- (c) The butterfly is among insect groups that have undergone extensive diversification.
- (d) Researcher know that there is no adaptive ground that can be attributed to butterflies originating in North America.
- (e) The genetic studies have led to two thousand butterfly species.

Q47. Which

- (a) scatter
- (b) refute
- (c) condense
- (d) gauge
- (e) protract

Q48. Which of the following words is an antonym for 'intensely'?

- (a) vehemently
- (b) ineffably
- (c) cogently
- (d) gently
- (e) inexorably

Directions (49-53): In each of the following sentences there are two blank spaces. Below each five pairs of words have been denoted by numbers (A), (B), (C), (D) and (E). Find out which pair of words can be filled up in the blanks in the sentences in the same sequence to make the sentence meaningfully complete.

Q49. The new technology promises to _____ manufacturing industries, bringing efficiency and _____ to various sectors.

- (a) homage, conceal
- (b) amalgamate, generate
- (c) deluge, resemble
- (d) revolutionize, facilitate
- (e) flee, devastate

Q50. The film _____ the audience's imagination and brought life on the screen.

- (a) muddled
- (b) lackadaisical
- (c) incomprehensible
- (d) subdued
- (e) coherent

Q51. The educational system _____ sizes _____ government in its curriculum.

- (a) peculiar, diminish
- (b) deemed, augment
- (c) stagnant, diminish
- (d) intellectual, augment
- (e) sporadic, augment

Q52. The city _____ from all over the world _____ tourists.

- (a) contemporary, attract
- (b) dilapidated, repel
- (c) generic, insignificant
- (d) outdated, monotonous
- (e) futuristic, isolated

Q53. The new legislation aims to _____ social equality and _____ discrimination in all forms.

- (a) perpetuate, cumbersome
- (b) uphold, intensify
- (c) foster, obliterate
- (d) embrace, amplify
- (e) advocate, provoke

Directions (54-58): In each of the given questions an inference is given in bold which is then followed by three paragraphs. You have to find the paragraph(s) from where it is inferred. Choose the option with the best possible outcome as your choice.

Q54. The new educational policy promotes skill-based learning and practical application.

(i) The new educational policy focuses on providing students with hands-on learning experiences and encouraging the application of practical skills. It aims to equip them with the necessary knowledge and abilities to navigate real-world situations effectively. By shifting away from rote learning and emphasizing skill development, the policy seeks to foster a more practical and applicable approach to education.

(ii) Under the new policy, students are encouraged to engage in practical application of concepts. The policy emphasizes the importance of applying theoretical knowledge in real-world contexts, which is considered essential for developing a comprehensive understanding of subjects.

(iii) The new policy promotes skill-based learning and practical application, which are seen as essential for preparing students for the workforce. It encourages students to engage in hands-on learning experiences and projects that require the application of practical skills. By doing so, the policy aims to ensure that students are equipped with the necessary skills and their practical application, which is crucial for their future success.

- (a) Only (i)
- (b) Both (ii)
- (c) All of the
- (d) Only (iii)
- (e) Both (i)

Q55. The new tax reforms are expected to boost economic growth and encourage investment.

(i) The introduction of new tax reforms aims to create a favourable business environment by reducing tax burdens and simplifying the tax system. Tax cuts are aimed to stimulate economic growth and investment. Having a more favourable tax environment is expected to lead to an increase in domestic production and investment.

(ii) The new tax reforms are expected to boost economic growth and encourage investment. It is seen that higher tax rates may lead to a decline in business activities and deter potential investors. The reforms may lead to a decline in business activities and deter potential investors.

(iii) The new tax reforms aim to redistribute wealth by imposing higher taxes on the wealthy and providing tax incentives for small businesses. The objective is to reduce income inequality and promote a more equitable distribution of resources within society. Moreover, it is seen as a necessary step towards addressing budget deficits and ensuring sustainable economic growth.

- (a) Only (i)
- (b) Both (ii) & (iii)
- (c) Both (i) & (iii)
- (d) Only (iii)
- (e) All of these

Q56. Forests play a crucial role in maintaining ecological balance and preserving biodiversity.

(i) Forests act as carbon sinks, absorbing carbon dioxide from the atmosphere and mitigating the effects of climate change. They reduce greenhouse gas emissions and makes our planet liveable by holding onto some of Earth's heat energy so that it doesn't all escape into space. Moreover, forests provide habitats for numerous plant and animal species, promoting biodiversity and supporting ecological balance where all living organisms, their interactions, and their surrounding environment are in a stable and sustainable condition.

(ii) The Earth's ecosystems have been altered by anthropogenic processes, including land use, harvesting populations, species introductions and climate change. These anthropogenic processes greatly alter plant and animal communities, thereby changing transmission of the zoonotic pathogens they carry. Biodiversity conservation may be a potential win-win strategy for maintaining ecosystem health and p

(iii) Forests are the most complex and diverse of ecosystems. The complex structure of forests provides habitats for a wide variety of organisms. These characteristics of forests, we can safeguard the ecological balance of the ecological system.

Which paragraph

- (a) Only (i)
- (b) Both (ii)
- (c) Both (i) and (ii)
- (d) Only (ii)
- (e) All of the

Q57. Competition in business acts as a catalyst for innovation.

(i) In a fiercely competitive market, companies are driven to gain an edge over their rivals. This often leads to the development of innovative solutions, products, and services that capture the attention of customers. Companies strive to attract and retain customers in the face of competition, they are compelled to invest in research and development, pushing the boundaries of what is possible.

(ii) The presence of competition creates a dynamic environment where companies are motivated to continuously improve. They must adapt to changing market conditions, embrace new technologies. This adaptability ensures that businesses remain relevant and competitive. The pressure to meet customer expectations and deliver superior value fosters a culture of innovation.

(iii) As companies compete for market share, they are incentivized to find more efficient ways of operating, optimize their processes, and reduce costs. This drive for efficiency often leads to the discovery and implementation of innovative technologies and practices that enhance productivity and profitability. Moreover, the pressure to attract more customers creates a sense of urgency, prompting companies to explore new markets, expand their offerings, and explore untapped opportunities for growth.

- (a) All of these
- (b) Both (ii) and (iii)
- (c) Both (i) and (ii)
- (d) Only (iii)
- (e) Only (i)

Q58. The recent increase in online shopping indicates a shift in consumer behaviour.

(i) The convenience and accessibility offered by online shopping platforms have led to a surge in their popularity. Recent data has revealed that people, due to their increasing busy lifestyles, hardly get time to go to physical markets to shop and they are only left with the option to shop online. Therefore, in the last few years, a sharp surge has been observed in online shopping.

(ii) Despite the increasing popularity of online shopping, traditional brick-and-mortar stores remain the dominant force in the retail industry. Many consumers still do not fully embrace online shopping and prefer the tangible experience of shopping in physical stores. This is often due to their dissatisfaction with the quality of goods or services offered by e-commerce platforms.

(iii) The surge in online shopping can be attributed to transient factors like the COVID-19 pandemic and associated lockdowns. However, it is also a result of a long-term shift in consumer behaviour, with a growing preference for online shopping.

- (a) Both (i) and (ii)
- (b) Only (i)
- (c) Both (ii) and (iii)
- (d) Only (iii)
- (e) All of the above

Directions: In each question, a sentence is given with a blank space. The given phrase in bold is the correct word or phrase to fill the blank. The given incorrect phrase is the word or phrase that is to be replaced by the correct phrase. The sentence is already correct as it is.

Q59. The Officer has given I the task to prepare the presentation by tomorrow.

- (a) tireless
- (b) tirelessly
- (c) tireless
- (d) No improvement required
- (e) tirelessly

Q60. Each of the officer needs

- (a) Each of the officer needs
- (b) Each of the officer needs
- (c) Each of the officers needs
- (d) Each of the officer needed
- (e) No improvement required

Q61. The authority has given I the task to prepare the presentation by tomorrow.

- (a) has gave me the
- (b) has given me the
- (c) have given me the
- (d) has giving me the
- (e) No replacement required

Q62. The doctor **has recommended abstaining to** eating sugary foods as part of her new healthy lifestyle.

- (a) has recommended abstaining from
- (b) has recommend abstaining from
- (c) has recommended abstaining with
- (d) has recommend abstaining to
- (e) No improvement required

Q63. The strategies **to mitigate and adapt to** low-carbon vary based on a city's characteristics.

- (a) to mitigate and adapt at
- (b) to mitigating and adapt to
- (c) No improvement required
- (d) for mitigate and adapt to
- (e) to mitigating and adapting to

Q64. My sis

- (a) was habi
- (b) was habi
- (c) was habi
- (d) was habi
- (e) No impr

Directions ... **new sentences** ... **have been jumbled. Rearrange the sentences in the proper sequence and then answer the question below.**

- (A) of a given instance of (1)/ what we consider as the 'meaning' (2)/ speech or writing (3)/ this 'something' is typically (4)/
- (B) specific ... and ... for (1)/ the common ... of language (2)/ ... joining those words into ... (3)/ is that ... of words, which carry (4)/
- (C) who qu ... ed categories such (1)/ such as Friedrich ... (18 ...) and Martin Heidegger (...) ... challenged by philosophers (2)/ ... knowledge, 'truth' and 'i ...
- (D) of langu ... believe that any use (3)/
- (E) in time, Algeria-born French philosopher Jacques Derrida (1930-2004) (1)/ theory of 'deconstruction' (2)/ carried this critique to (3)/its furthest end with his (4).
- (F) with the necessary use of binaries underpins (1)/ the Western philosophical tradition of reason, logic, ethics, (2)/ and values that together constitute modernity (3)/ this assumption of a text's meaning being stable, along(4).

Q65. Which of the following is the correct sequence of the rearrangement of the sentence (A)?

- (a) 1432
- (b) 4231
- (c) 4213
- (d) 3412
- (e) None of these.

Q66. Which of the following is the correct sequence of the rearrangement of the sentence (D)?

- (a) 1432
- (b) 3142
- (c) 4213
- (d) 2143
- (e) None of these.

Q67. Which of the following is the correct sequence of the rearrangement of the sentence (E)?

- (a) 1342
- (b) 2143
- (c) 4231
- (d) 3412
- (e) None of these.

Q68. Which of the following is the correct sequence of the rearrangement of the sentence (C)?

- (a) 1432
- (b) 3142
- (c) None of these.
- (d) 3124
- (e) 3214

Q69. What is the correct sequence of the rearrangement of the sentence (A)?

- (a) DABCFE
- (b) FDAECB
- (c) ADFBCE
- (d) BDAFCE
- (e) None of these.

Directions: In the following passage there are blanks, each of which has been denoted by a letter. Below each blank, a few options are given. Find out the appropriate one which fits the blank appropriately.

In ancient India, the king was the highest authority. The king was the judge at the highest court. The king was the highest authority. The king was the judge at the highest court.

the civilization advanced, the duties of the King were _____ (D) to the judges who had knowledge of the Vedas. Justice was administered on the basis of 'dharma' or a structure of rules specifying the responsibilities that an individual must fulfil in his life. Customs served as a source of law. This system continued till the Mughal period. During the Mughal period, the office of Qazi was responsible for the dispensation of justice. Every _____ (E) capital and every large town had a Qazi. The Qazis held the trial in the presence of the parties and were _____ (F) to write their legal documents very carefully. The King was the highest court of appeal. This system of justice was replaced by the British. The British introduced the common law system in India and established the Sadar Diwani Adalat. They were later followed by the _____ (G) of high courts. The first high court was established at Calcutta in 1862. The high courts were also established in Madras and Bombay. Subsequently, the federal court was established by the Government of India Act, 1935 which had a wider _____ (H) than the high courts. Thus, the present judicial system of India is based largely on the common law system.

Q70. Which of the following words will fit in the given bank (A)?

- (a) chasten
- (b) pedestal
- (c) coeval
- (d) endorsement
- (e) cumber

Q71. Which of the following words will fit in the given bank (B)?

- (a) instinctive
- (b) sovereign
- (c) maestro
- (d) magnanimous
- (e) affinity

Q72. Which

- (a) dispensation
- (b) entice
- (c) divulgence
- (d) uproar
- (e) exhaustion

Q73. Which

- (a) mitigate
- (b) substantiate
- (c) clinched
- (d) articulate
- (e) delegate

Q74. Which

- (a) putative
- (b) yearning
- (c) provincial
- (d) heckling
- (e) ponderous

Q75. Which

- (a) expected
- (b) propagated
- (c) exemplified
- (d) emboldened
- (e) overlooked

Q76. Which of the following words will fit in the given bank (G)?

- (a) ravaging
- (b) ransacking
- (c) establishment
- (d) wrecking
- (e) ruination



Q77. Which of the following words will fit in the given bank (H)?

- (a) injunction
- (b) defendant
- (c) abrogation
- (d) jurisdiction
- (e) probation

Directions (78-80): Read the following passage carefully and answer the questions given below them.

The island of Sriharikota serves as a barrier that shields a brackish water lagoon that we call the Pulicat lake. Being a barrier, the island is nearly 60 km long. The island is home to a variety of species of water birds. The most common of these is the spot-billed pelican. The spot-billed pelican is a large bird that looms large in the sky. The spot-billed pelican has a great swimming ability. It has a face of blue spots on the head and neck. This species of bird forms a semi-circle in the shallow water. The spot-billed pelican and the cormorant are the two little cormorants that are found in the lake. They scatter towards the shore when a boat can awaits them.

Q78. What is the main purpose of the passage?

- (a) Tidal flat
- (b) Geographical location
- (c) Cormorant
- (d) The common presence of human intervention in the surroundings
- (e) All of the above

Q79. Which of the following words is an antonym for 'barrier'?

- (a) undulating
- (b) scavenging
- (c) abetting
- (d) bothering
- (e) retrofitting

Q80. Which of the following words is an antonym for 'barrier'?

- (a) solace
- (b) assistance
- (c) sufferance
- (d) gist
- (e) scrutiny

Directions (81-85): Read the following table carefully and answer the questions given below.
The table shows the number of people who travelled by train and the percentage of people who travelled by flight in four (A, B, C and D) different cities in 2022.

Cities	People who travelled by train	Percentage of people who travelled by flight
A	$1.7X$	32%
B	$2.4X$	$\frac{Y}{6}\%$
C	70	$(X+15)\%$
D	Y	$\left(\frac{X+Y}{5}\right)\%$

Note: (i) 35% of people who travelled by flight in city C.
(ii) The average number of people who travelled by train in cities A and B is 120 .
(iii) Total people who travelled by flight in cities A and B is 150 .

Q81. People who travelled by train in city A are less than the people who travelled by flight in city B by

- (a) 120
- (b) 100
- (c) 80
- (d) 75
- (e) 150

Q82. People who travelled by train in city E are $1.2Y$ and the percentage of people who travelled by flight by cities A and E in the ratio $3:2$. Find the total people who travelled by train in city E.

- (a) 230
- (b) 180
- (c) 175
- (d) 225
- (e) 270

Q83. People who travelled by train in city D are 1.5 times the people who travelled by train in city A. Find the percentage of people who travelled by train in city D.

- (a) 33.33%
- (b) 66.67%
- (c) 8.33%
- (d) 14.28%
- (e) 26.67%

Q84. In city A, 55% of people travelled in business class on the flight, and the remaining people travelled in economic class on the flight. Find the ratio of people who travelled by train in city C to people who travelled by economic class in flight in city A.

- (a) $33:7$
- (b) $31:8$
- (c) $39:5$
- (d) $35:9$
- (e) $36:5$

Q85. Total people who travelled in city D in 2023 are $4X$ and percentage of people who travelled by flight in city D in 2023 is $\frac{Y}{6}\%$. People who travelled by train in city D in 2023 is how much percentage more or less than the total people who travelled to city C in 2022.

- (a) 10%
- (b) 20%
- (c) 25%
- (d) 15%
- (e) 40%

Q86. A invests Rs $(X+1600)$ in compound interest at 10% p.a. for two years and he received interest of Rs 1176. B invests Rs $(X+800)$ in simple interest at 10% p.a. for three years and he received

- (a) 12.5%
- (b) 7.5%
- (c) 5%
- (d) 20%
- (e) 15%

Q87. The cost price of an article is Rs $(X+500)$. The shopkeeper marked the article 80% above its cost price, and the shopkeeper earned 44% profit on selling the article. The shopkeeper allows a discount of Rs 1260 on the article, then find the value of X .

- (a) 3750
- (b) 3250
- (c) 3500
- (d) 3000
- (e) 3900

Q88. The ratio of the speed of a current to the upstream speed of a boat is 2:3 and the boat can cover 210 km downstream in five hours. How much distance (in km) the boat travelled in still water in six hours.

- (a) 60
- (b) 150
- (c) 90
- (d) 120
- (e) 180

Q89. The ratio of length of train A to train B is 7:8 and speed of trains A and B is 72 km/hr and 25 m/sec respectively. Trains A and B can cross each other while running opposite direction in $16\frac{2}{3}$ seconds. If length of a bridge is half of the length of train A, then find the time (in seconds) taken by train B to cross the bridge.

- (a) 23
- (b) 19
- (c) 21
- (d) 27
- (e) 25

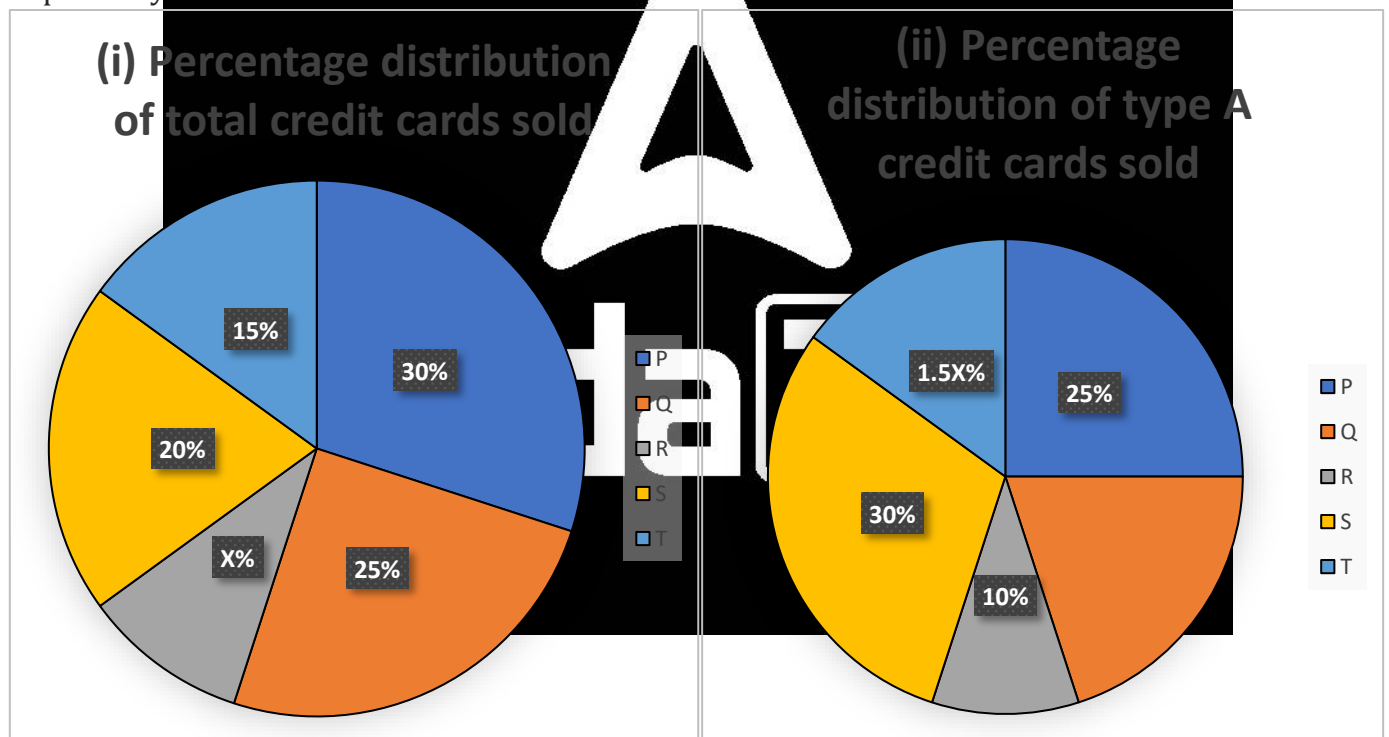
Q90. The present age of A is five years less than that of B and the present age of C is 60% of the present age of A. If the difference between the age of B four years ago and the age of C three years hence is 4 years, then find the age of A after ten years.

- (a) 21 years
- (b) 25 years
- (c) 22 years
- (d) 26 years
- (e) 24 years

Directions (91-95): Read the following pie charts carefully and answer the questions given below.

The pie chart (I) shows the percentage distribution of total credit cards sold by five companies (P, Q, R, S and T) and the pie chart (II) shows the percentage distribution of type A credit cards sold by these five companies.

Note: (i) The ratio of total credit cards sold by P and T is 3:2.
(ii) The ratio of total credit cards sold to total type B credit cards sold by these five companies is 7:3 respectively.



Q91. Type B credit cards sold by T is how much percentage more or less than the type A credit cards sold by P.

- (a) 25%
- (b) 40%
- (c) 55%
- (d) 75%
- (e) 60%

Q92. Total credit cards sold by S is how much more or less than the type B credit card sold by R and Q together.

- (a) 25
- (b) 30
- (c) 40
- (d) 35
- (e) 50

Q93. 40% of type A credit cards sold by Q have a limit of Rs 10000, 25% of the remaining have a limit of Rs 15000 and rest have a limit of Rs 20000. Find the ratio of type B credit cards sold by S to type A credit cards sold by Q whose limit is Rs 20,000.

- (a) 7:2
- (b) 6:11
- (c) 3:5
- (d) 4:7
- (e) 5:9

Q94. For company R, the ratio of type A credit cards sold to type B credit cards sold is 7:5 and the ratio of type A credit cards sold to type B credit cards sold is 2:1. Find the ratio of type A credit cards sold to type B credit cards sold (approx.).

- (a) 29%
- (b) 11%
- (c) 19%
- (d) 23%
- (e) 8%

Q95. If total credit cards sold by Y is 8X and type B credit cards sold by Y is 60% that of R, then find the type A credit cards sold by Y.

- (a) 66
- (b) 44
- (c) 82
- (d) 14
- (e) 56

Q96. The volume of a cone is 264 cm^3 and height of the cone is equal to side of a square whose perimeter is 28 cm. If the ratio of the radius of the cone to a cylinder is 3:4 and height of the cylinder is 14 cm, then find the curved surface area (in cm^2) of the cylinder.

- (a) 662
- (b) 704
- (c) 892
- (d) 756
- (e) 668

Directions (97-100): In each of these questions, two equation (I) and (II) are given. You have to solve both the equations and give answer

- (a) If $x > y$
- (b) If $x \geq y$
- (c) If $x < y$
- (d) If $x \leq y$
- (e) If $x = y$ or no relation can be established between x and y

Q97. I. $3x^2 - 28x + 65 = 0$

II. $4y^2 - 36y + 81 = 0$

Q98. I. $3x^2 - 10x + 8 = 0$

II. $6y^2 = \frac{162}{y^2}$

Q99. I. $x^3 - 13x^2 + 48x - 40 = 0$

II. $y^3 - 30y^2 + 41y - 20 = 0$

Q100. I. $2x^2 - 11x + 12 = 0$

II. $y^2 + 5y + 6 = 0$

Directions (101-102): Read the following information carefully and answer the questions given below. The number of students who like only two pens is 23. Students who like only pen P are 20 more than that of only R and students who like only pen Q are 40% less than that of only P. Students who like all three pens together are 12 and sum of students who like pen only P & Q together and all the three pens together are half of the students who like only pen R. The ratio of students who like only pen P to who like only pen Q and R together is 8:3 and the students who like pen Q is 108.

Q101. Find the number of students who like only pen P.

- (a) 81
- (b) 64
- (c) 9^2
- (d) Both (a) & (c)
- (e) 36

Q102. Find the ratio of students who like pens only P and Q together students who likes only pen R.

- (a) 1:2
- (b) 3:10
- (c) 4:5
- (d) 7:2
- (e) 2:1

Q103. Students who like at most one pen is how much more or less than the students like only pen Q and R together.

- (a) 151
- (b) 145
- (c) 144
- (d) 154
- (e) 158

Q104. If total students in the school are 329, then find the students who do not like any pen.

- (a) 50
- (b) 45
- (c) 60
- (d) 70
- (e) 30

Q105. Students who like at most one pen is how much more or less than the students like only pen Q and R together.

- (a) 66.67%
- (b) 125%
- (c) 166.67%
- (d) 133.33%
- (e) 180%

Q106. A started a business with an investment of Rs 6000. After five months, B joined with an investment of Rs X and after three months of the start of the business C joined with an investment of Rs (X-2000). If, at the end of the year, the profit share of A is Rs 1600 out of the total profit of Rs. 4400, then find the value of (X+500).

- (a) 14500
- (b) 11000
- (c) 8500
- (d) 12500
- (e) 9500

Q107. The quantity of milk in a vessel is 16.67% more than that of water. If 26 liters of mixture are taken out and X liters of milk are added in the vessel, then the ratio of milk to water in the final mixture becomes 5:3. Find the value of X. (Note: Initial quantity of the mixture is $(8^2 + 1)$ liters)

- (a) 12
- (b) 9
- (c) 6
- (d) 15
- (e) 4

Q108. A can complete $\frac{3}{5}$ th of a work in 15 days, and B can complete $16\frac{2}{3}\%$ of the work in $\frac{20}{3}$ days. C is half as efficient as that of A. If A, B, and C together started the work together and after 10 days D joined them to complete the remaining work in 1.5 days, then find the time (in days) taken by D to complete the whole work.

- (a) 16.67
- (b) 8.33
- (c) 12.5
- (d) 33.33
- (e) 66.67

Q109. The average weight of A, B, and C is 36 kg, and the average weight of B and C is 40 kg. If the ratio of weight of A to C is 7:9, then find the weight of B (in kg).

- (a) 28
- (b) 44
- (c) 36
- (d) 66
- (e) none of these

Directions: In the following questions, two quantities are given. You have to compare the two quantities and choose the appropriate option. If the quantities are equal, then choose 'Quantity I = Quantity II'. If the quantities are not equal, then choose 'Quantity I > Quantity II' or 'Quantity I < Quantity II'. If the data is insufficient to determine the relationship between the two quantities, then choose 'Data is insufficient'. (Note: In the options, 'I' and 'II' represent Quantity I and Quantity II respectively.)

- (a) Quantity I is greater than Quantity II
- (b) Quantity II is greater than Quantity I
- (c) Quantity I is equal to Quantity II
- (d) Quantity I is less than Quantity II
- (e) Quantity II is less than Quantity I

Q110. Quantity I: Pipes A and B together can fill a tank in 7 minutes and pipes B and C together can fill the tank in 8 minutes. If pipes A and C together can fill the tank in 14 minutes, then find the time taken by pipe A alone to fill the tank (in minutes).
Quantity II: $\frac{25}{100} \times 440 = ?$

Q111. Quantity I. A shopkeeper marked an article 120% above its cost price and allow X% discount. If the shopkeeper sold the article 65% on profit, then find the value of X.

Quantity II. $\frac{\frac{25}{100} \times 440}{4.4} = ?$

Q112. A man invests Rs (2X+696) in compound interest compounded half yearly for one year at 20% p.a. and he received interest of Rs X. He invests (5X+740) in compound interest at R% p.a. for two years and he received interest of Rs (2.5X+15).

Quantity I. Find the value of $\frac{X}{18}$.

Quantity II. Find the value of R.

Directions (113-115): The following questions are accompanied by two statements i.e. statement (I) and statement (II). You have to determine which statement (s) is/are sufficient/necessary to answer the questions.

- (a) Neither statement (I) nor statement (II) by itself is sufficient to answer the question.
 (b) Statement (II) alone is sufficient to answer the question but statement (I) alone is not sufficient to answer the question.
 (c) Either statement (I) or statement (II) by itself is sufficient to answer the question.
 (d) Both the statements taken together are necessary to answer the questions, but neither of the statements alone is sufficient to answer the question.
 (e) Statement (I) alone is sufficient to answer the question but statement (II) alone is not sufficient to answer the questions.

Q113. Find

Statement I The average age of A, B, C, and D is 19 years and the age of A is 4 years more than the average age of B, C, and D.

Statement II The average present age of B, C, and D is 19 years and the age of D is two years, hence equal to the present age of A.

Q114. The

Statement I The length of the rectangle is 18 cm and the breadth is 12 cm. The area of the rectangle is 216 cm².

Statement II The perimeter of the rectangle is 60 cm and the area is 175 cm². The length of the rectangle is less than the breadth of the rectangle.

Q115. Ankur spends 20% of his monthly income on food, 25% of the remaining income on rent and 10% of the remaining income spend on travelling. He invests the remaining income on SIP and LIC in the ratio of 5:4 respectively. Find his monthly income.

Statement I The amount invested in LIC is 10% more than the amount spent on food.
Statement II The difference between amount invested in SIP and amount spent on travelling is Rs720.

Directions (116-120): The approximate value will come in place of question mark (?) in the following questions.

Q116. 14.98

- (a) 45
 (b) 25
 (c) 50
 (d) 35
 (e) 65

Q117. $1569.99 + 2190.012 - \frac{4}{9} \text{ of } 198.12 = \frac{?}{4}$

- (a) 12122
 (b) 14478
 (c) 18750
 (d) 10980
 (e) 14688

Q118. 80.04% of $560.05 + 19.02^2 - \sqrt[3]{4913.21} = ?$

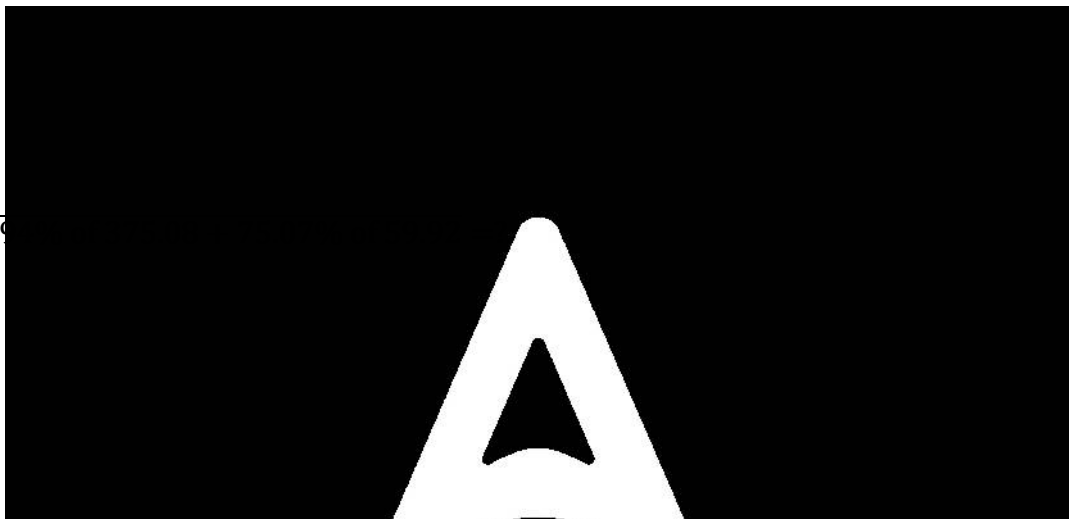
- (a) 702
- (b) 868
- (c) 912
- (d) 792
- (e) 446

Q119. $44.04 \div 3.97 \times 8.99 \div 2.94 + 3.01 = \sqrt{?}$

- (a) 6
- (b) 36
- (c) 24
- (d) 1296
- (e) 216

Q120. $\sqrt{39.9}$

- (a) 12
- (b) 14
- (c) 16
- (d) 18
- (e) 22



Solutions

Solutions (Q118-Q120)

Final Arrangement is here:

Shelves	Boxes
10	I
9	C
8	H
7	I
6	A
5	G
4	J
3	E
2	I
1	B

Clues: Box E is kept three boxes below box A. Box G is kept immediately below box A. Box C is kept two boxes above box H which is kept at an odd-numbered position but not on Shelf 3. Only two boxes are kept between box I and box G which is kept above I.

Inference: We will have five possible cases here:

Shelves	Case 1	Case 2	Case 3	Case 4	Case 5
	Boxes	Boxes	Boxes	Boxes	Boxes
10	A				
9	G	A		C	C
8		G	A		
7	E		G	H	H
6	I	E		A	
5		I	E	G	A
4			I		G
3	C	C	C	E	
2				I	E
1					

Clues: Box H is placed adjacent to box G. Box H is placed adjacent to box H.

Inference: C

Shelves	Case 1	Case 2	Case 3	Case 4	Case 5
	Boxes	Boxes	Boxes	Boxes	Boxes
10	A				D
9	C	A			C
8	I	G			E
7	E				
6	I	E			B
5	E	I			A
4					
3	C	G			
2	E				E
1	E	H	H	B	I

Clues: The number of boxes placed between Box H and box B is not less than the number of boxes placed between box B and box C.

Inference: C

Shelves	Case 1	Case 3	Case 5
	Boxes	Boxes	Boxes
10	A	D	D
9	G	B	C
8	D	A	F
7	E	G	H
6	I		A
5	B	E	G
4		I	J
3	C	C	E
2	F	F	I
1	H	H	B

Inference: Final Arrangement is here:

Shelves	Boxes
10	D
9	C
8	F
7	H
6	A
5	G
4	J
3	E
2	I
1	B

S1. Ans.(e)

Sol. Three b

S2. Ans.(d)

Sol. Except in prime n

S3. Ans.(b)

Sol. Both II s

S4. Ans.(d)

Sol. Box A is b

S5. Ans.(d)

Sol. ABBREVIATION = FCCSI VOEUUS = IWOZ = IOWZ.

S6. Ans.(b)

Sol. If both s

Days	Persons
Monday	P
Tuesday	S
Wednesday	Q
Thursday	R
Friday	T

S7. Ans.(b)

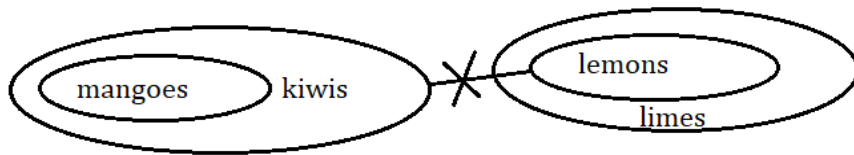
Sol. If both statements I and II are sufficient to answer the question.

$T > R > P > Q > S$

S8. Ans.(b)

Sol. I. Follow- There is no direct relation between the given elements but in the case of possibility it will follow.

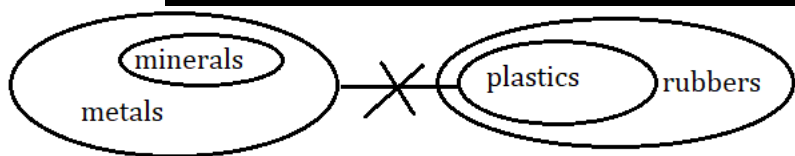
II. Follow- As No kiwis are lemons and all mangoes are kiwis so no mangoes are lemons logically follows.



S9. Ans.(a)

Sol. I. Follow- Metals are elements except Minerals.

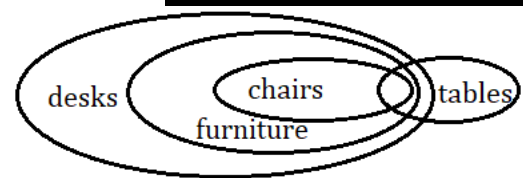
II. Not Follow- Plastics are not rubbers so the relation will not follow.



S10. Ans.(c)

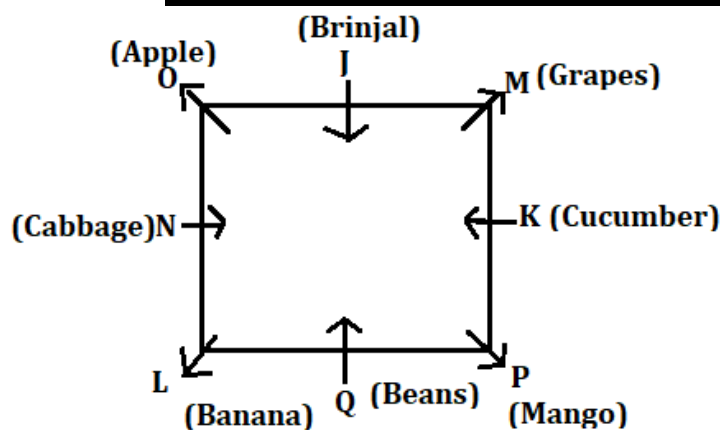
Sol. I. Not Follow- All chairs will be furniture but not all furniture will be chairs.

II. Follow- Some desks are furniture and all chairs are furniture so the relation logically follows.



Solutions (Q10)

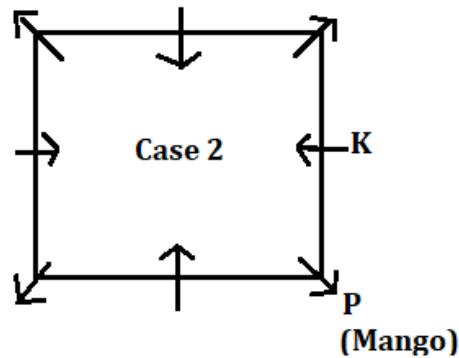
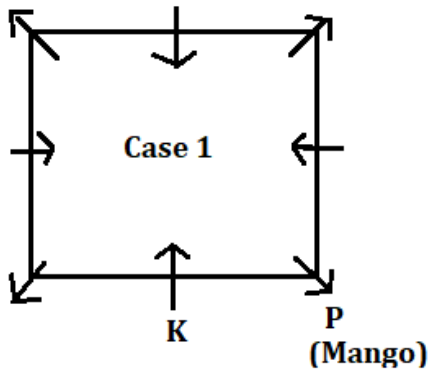
Final arrangement



Explanation:

Clues: K sits just next to P who likes Mango.

Inference: We get two possible cases as K may sit immediate right of P or immediate left of P because we know the one who likes fruits sits at the corner.

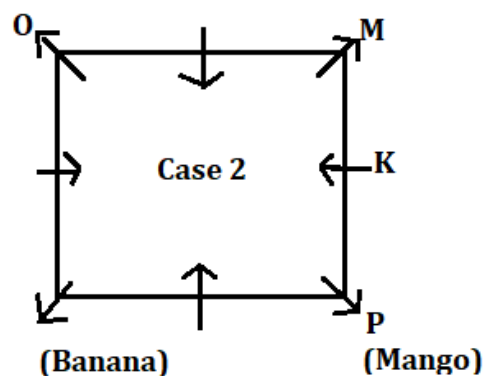
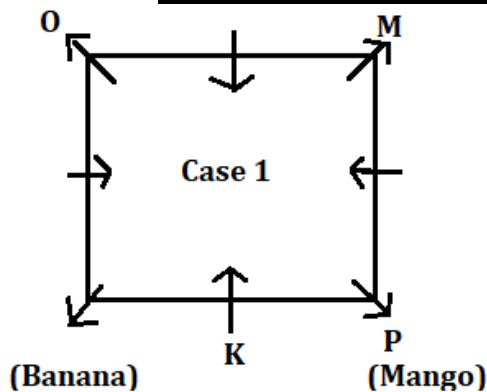


Clues: M sits

Inference:

2nd to the left

on M will sit



Clues: O sits

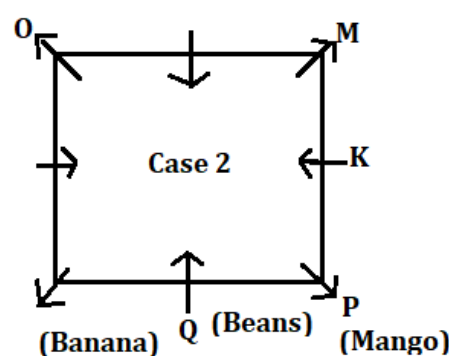
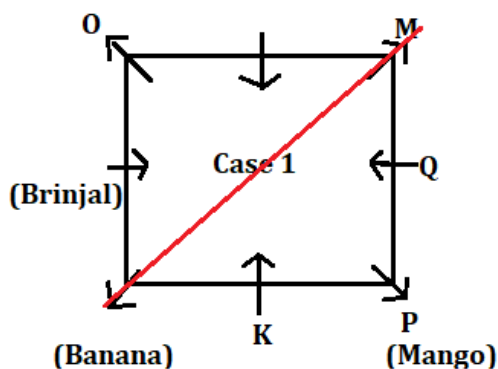
The one who

Inference:

(Brinjal)

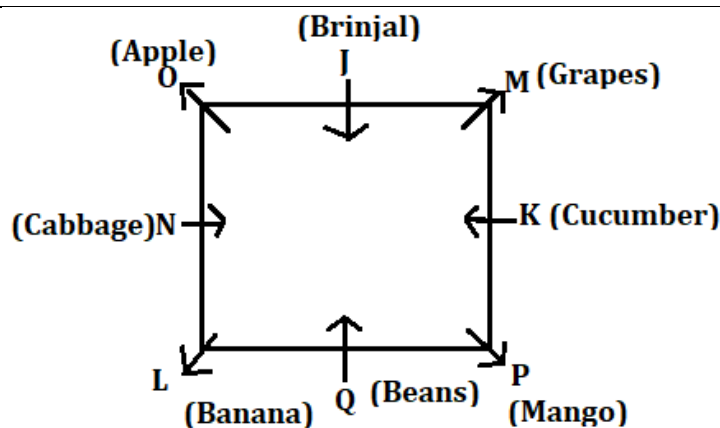
likes Brinjal.

beans.



Clues: N sits opposite to the person who likes Cucumber but not adjacent to the one who likes grapes. Number of persons sit between the one who likes apple and Q when counted from left of Q is same as the number of persons sit between L and the one who likes brinjal when counted from right of L.

Inference: We know persons sit at the corners like different fruits. Persons sit in the middle of the side like different vegetables. So, O will like apple and M will like grapes. K will like cucumber and N will like cabbage; J is one of the persons so the final arrangement:



S11. Ans.(b)

Sol. N likes

S12. Ans.(c)

Sol. P sits on

S13. Ans.(c)

Sol. The one

S14. Ans.(a)

Sol. J likes B

S15. Ans.(c)

Sol. Statement

is raising sa

Statement (1)

rice and wh

Statement (I)

get ill due to

get the data to

Solutions (C)

Logic:

Logic:

Number – T

Letter 1st l

2nd letter is d

2nd letter is l
comes from the

comes for the

S16. Ans.(d)

S17. Ans.(b)

S18. Ans.(a)

S19. Ans.(e)

S20. Ans.(e)

Sol. I. Original number = 5463298724

Number after operation = 3571379535

Number in ascending order from right to left = 9775553331

II. Original number = 3549563427

Number after operation = 1357371535

Number in ascending order from right to left = 7755533311

III. Original number = 4983476458

Number after operation = 5791557539

Number in ascending order from right to left = 9977555531

So, Number of times each digit has been used in the operation = 9977555531

Solutions (2)

Final Arrang

Exam Cent

A

B

C

Clues: R gave exam at the same centre as P but not at Centre C. U and V gave exam at Centre C. Exam of N, V and W are at different centres. P and W gave the exact different exam. P didn't give exam in the same centre as P.

Inference: V

Exam Cent

A

B

C

R

O

W

N

P

U

V

U

V

V

V

V

V

Clues: Q did not give the exam at the same centre as W and V. T and S gave exam at different centre. S gave exam in Centre A. T and Q gave exam at different centres.

Inference: Case 2 gets cancelled here:

Exam Centres	Case 1	Case 2	Case 3
	Persons	Persons	Persons
A	R	W	N
	O	S	P
	W		S
	S		Q
B	N	N	W
	P	P	T
	Q	Q	
C	U	R	R
		O	
		U	
		V	

Clues: M did

Inference: C

Exam Cent	Case-1 Persons
A	R O W S
B	N P Q
C	U V T M

Inference: I

Exam Cent	
A	P
	S
	Q
B	W
	T
	M
C	R
	O
	U
	V

S21. Ans.(b)

Sol. V gave the exam in the same centre as O.

S22. Ans.(d)

Sol. Q and S gave the exam in the same centre is the true statement.

S23. Ans.(b)

Sol. P and N gave the exam at the same centre.

S24. Ans.(b)

Sol. In Centre

S25. Ans.(b)

Sol. The correct answer is **II**. The passage highlights the long-term benefits of responsible citizenship. The passage does not mention the importance of responsible citizenship in I and III.

Solutions (2)

Logic –

Vowels are a step 5 character along with the smallest, 2nd number.

Consonants are ordered by place of articulation and step 6 in alphabetization. Vowels are ordered along with the highest, most fronted vowel in the syllable.

Input: 76 M

Step I: Exam

Step II: Examino notata 29.43 write 61 change id l block 92

Step III: Idol items 576 Mountain 43 White 61 orange blue

Step IV: Idol 1 game 5 43 white 61 orange black 92 mountain 7

Step V: Orange

Step VI: Oral

S26. Ans.(e)

Sol. There is no such step in which “write block 92” found in the same order.

S27. Ans.(b)

Sol. 7th element from the right end instep IV – write 2nd to the right of write - Orange

S28. Ans.(a)

Sol. There are three numbers to the right of “mountain” in step 3.

S29. Ans.(c)

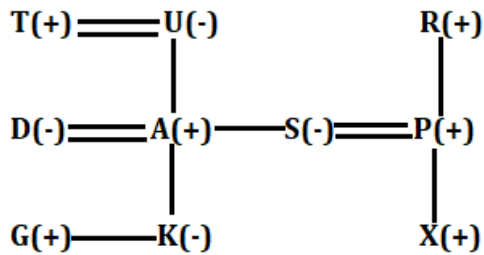
Sol. “Orange 43 idol 29 exams 5 write 61 block 92 mountain 76” is the step V.

S30. Ans.(a)

Sol. The correct answer is (a) Only I and II because the statement implies that simultaneous elections will streamline the process and reduce financial burdens, but it does not indicate that all political parties support the proposal.

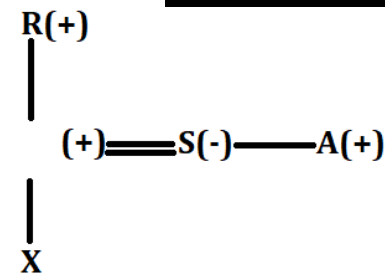
Solutions (31-32):

Final arrangement:



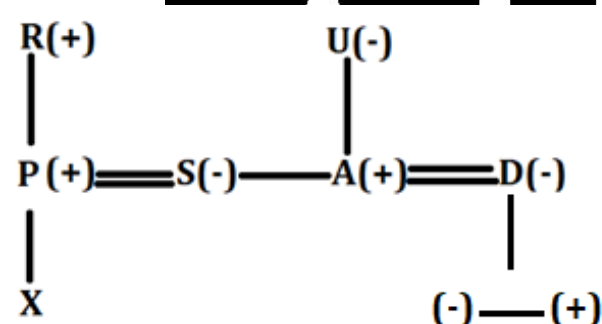
Clues: S is d

Inference:



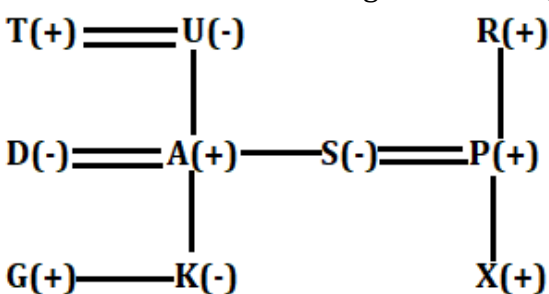
Clues: P is b and one daughter. I is brother. II is mother-in-law. i.e., one son

Inference:



Clues: D has two children i.e., one son and one daughter. T is grandfather of K. X and K are not sibling. S has only one son. Gender of X and G is same.

Inference: After combining all the clues, we get the final arrangement: -



S31. Ans.(d)

Sol. U is grandmother of X.

S32. Ans.(c)

Sol. S is sister-in-law of D.

Solutions (33-35):

S33. Ans.(e)

Sol. 8 R 5 T 3 7 L 9 F 4 K 6 E N 1 G 2 W 7 D Q 8 U 5 Z

K will be fifteenth from the right end

S34. Ans.(c)

Sol. T is fifth

Arrangement

S35. Ans.(b)

Sol. 9 & F 4

Solutions (33-35):

Final Arrangement

Months	Persons	Salaries (in thousands)
March	Person	43
	Person	30
	Riya	50
	Person	41
September	Person	63
	Roy	37
	Person	22

Clues: Riya gets 50000 in March, Roy gets 30000 in September, and Roy. The person who gets 30000 in March gets 30000 in September.

Inference:

Inference:					
Months	Dates	Case 1		Case 2	
		Persons	Salaries (in thousands)	Persons	Salaries (in thousands)
March	6				
	12		30		30
	15				
	27				
September	6	Riya			
	12		63	Riya	63
	15	Roy		Roy	
	27				

Clues: Hina gets salary after Roy. The amount of salary Hina gets is 8000 less than the amount of salary which Varun receives. Varun gets his salary on a date before Hina but after Karan. The one who gets the salary two persons before Riya gets an amount of 50000.

Inference:

Months	Dates	Case 1		Case 2	
		Persons	Salaries (in thousands)	Persons	Salaries (in thousands)
March	6	Karan		Karan	
	12	Varun	30	Varun	30
	15		50		
	27				50

September

Clues: Karan gets an amount of 43000. Siya gets salary after Siya. Roy gets salary before Roy and Hina gets salary as compared to Hina. The one who gets the salary two persons before Riya gets an amount of 50000.

Inference: Case 2 only

Months	Dates	Persons	Salaries (in thousands)
March	6	Karan	43
	12	Varun	30
	15	Siya	50
	27	Gita	54
September	6	Riya	15
	12	Rahul	63
	15	Roy	57
	27	Hina	22

Inference:

Months	Dates	Persons	Salaries (in thousands)
March	6	Karan	43
	12	Varun	30
	15	Siya	50
	27	Gita	54
September	6	Riya	15
	12	Rahul	63
	15	Roy	57
	27	Hina	22

S36. Ans.(d)

Sol. The amount of salary Riya gets is 15000 and she gets it on 6th of September.

S37. Ans.(c)

Sol. Varun gets more amount of salary as compared to Riya is the true statement.

S38. Ans.(b)

Sol. Riya and Rahul gets salary in the same month.

S39. Ans.(d).

Sol. Gita gets the third highest amount of salary.

S40. Ans.(a)

Sol. Except

S41. Ans.(c)

Sol. The correct answer is (b). The passage does not focus on this aspect.

S42. Ans.(d)

Sol. The concept of the Industrial Revolution was first used by French writers, the English historian John A. Pocock, and the American historian Arnold Toynbee (1852–83) to describe Britain's economic development from 1760 to 1840. Since Toynbee's time the term has been more broadly applied as a process of economic transformation than as a period of time in a particular setting."

The term Industrial Revolution was first introduced by French writers.

S43. Ans.(b)

Sol. The antonym for "novel" is (b) traditional. Novel means something new, original, or innovative.

(a) **Repress:** To suppress or hold back, often referring to emotions or desires.

(b) Traditional: existing in or as part of a tradition; long-established.

(c) **Surmise:** To make an educated guess or inference based on limited evidence or information.

(d) **Impetus:** The driving force or motivation behind something; a stimulus or catalyst.

(e) **Rigorous:** Thorough, strict, or demanding in terms of standards, procedures, or requirements.

S44. Ans.(a)

Sol. The correct choice is option (a) which can be inferred from the first paragraph which mentions, “Despite being one of the most intensely studied insect groups, the evolutionary history and drivers of butterfly diversification were poorly understood by researchers.”

Option (c) is incorrect as the option mentions recently evolving butterfly species while the passage mentions all species of butterflies.

Option (b) and option (d) are incorrect as they contradict the information given in the passage.

S45. Ans.(d)

Sol. The correct choice is option (d) which can be inferred from the following lines in the second paragraph.

Option (a): “... (e) and used a molecular approach to study the dispersal of butterflies from one continent to another. One of the researchers...”

Option (b): “... cent million years ago. In Evolution, butterflies of...”

Option (c): “... butterflies. It’s more of a coincidence that in North America, the earliest butterfly...”

S46. Ans.(e)

Sol. The incorrect option is (e). The correct option is (a).

For option (a): “... was based more on butterfly phylogenetic relationships than on sequence data.”

For option (b): “... to the first paragraph which mentions, “Despite being one of the most intensely studied insect groups, the evolutionary history and drivers of butterfly diversification were poorly understood by researchers.”

For option (c): “... mentions, “There is no clear reason for butterflies to be more common in North America than in Europe.”

S47. Ans.(d)

Sol. ‘Gauge’ is a synonym for ‘estimate’. ‘Estimate’ means ‘roughly calculate or judge the value, number, quantity, or extent of.’

(a) Scatter: It means to disperse or distribute things widely or randomly.

(b) Refute: It means to prove a statement, theory, or claim to be false or incorrect.

(c) Condense: It means to make something more compact, concentrated, or concise.

(d) Gauge: It means to make an estimate or judgment about something.

(e) Protract: It means to prolong, extend, or lengthen something in time.

S48. Ans.(d)

Sol. 'Gently' is an antonym for 'intensely'. 'Intensely' means 'with extreme force or strength.'

(a) Vehemently: It means with strong emotion, intensity, or force.

(b) Ineffably: It means in a way that is too great, powerful, or beautiful to be expressed or described in words.

(c) **Cogently:** It means in a convincing or persuasive manner, often characterized by clear and logical arguments. It is unrelated to the intensity of something.

(d) Gently: It means in a mild, calm, or tender manner, with a lack of force or intensity.

(e) **Inexorably:** It means in a relentless, unstoppable, or inevitable manner.

S49. Ans.(d)

S50. Ans.(e)

Sol. The series is convergent because it satisfies the conditions for convergence. Bringing the story to life by adding more details and examples helps to clarify the plot and implies a clear and logical view of the events. Signs with the

idea of careful attention to detail and precise execution, which is essential in creating a compelling film.

Muddled: Confused, unclear, or disorganized.

Haphazard: Random, lacking order or planning.

Coherent: Logical, consistent, or making sense as a whole.

Meticulous: Extremely careful, paying great attention to detail.

Incomprehensible: Not able to be understood or grasped.

Gruesome: Extremely unpleasant, shocking, or horrifying.

Subdued: quiet and rather reflective or depressed.

Precise: Accurate, exact, or having a high level of accuracy.

Lackadaisical: Lacking enthusiasm, energy, or effort; lazy or careless.

Extravagant: Excessive, elaborate, or indulgent, often beyond what is necessary.

S51. Ans.(d)

Sol. The sentence suggests that the educational institution places importance on both intellectual growth and holistic development in its curriculum. Among the given options, "intellectual" aligns with the idea of emphasizing cognitive or mental growth and academic pursuits. Additionally, "holistic" implies a comprehensive approach that considers all aspects of an individual's development, including physical, emotional, and social well-being.

Peculiar: Strange, unusual, or distinctive.

Compartmentalized: Divided or organized into separate sections or categories.

Deemed: Considered or judged in a specific way.

Focused: Concentrated or directed attention on a particular thing or goal.

Stagnant: Not moving or developing; stagnant.

Linear: Following a straight line.

Sporadic: Occurring infrequently.

Fragmented: Divided into parts.

Intellectual: Relating to the mind.

Holistic: Considering the whole, comprehensive and interconnected.

S52. Ans.(a)

Sol. The sentence describes a destination that is both a historical site and a modern attraction, which attracts tourists from around the world. Among the given options, "diverse" aligns with the idea of a place that offers a variety of experiences, including historical and modern elements. Additionally, "diverse" implies that the destination is not limited to a single type of attraction, but rather offers a wide range of experiences that are up-to-date and relevant.

Outdated: No longer current or modern; obsolete.

Monotonous: Lacking in variety or interest; dull or repetitive.

Dilapidated: In a state of disrepair or ruin; run-down or decrepit.

Negligible: So small or unimportant as to be not worth considering; insignificant.

Generic: Lacking in originality.

Insignificant: Not important.

Contemporary: Modern.

Diverse: Having a variety of different elements or characteristics; varied or universal.

Futuristic: Having or suggesting a design or style from the future; forward-thinking or innovative.

Isolated: Separated or disconnected from others; remote or secluded.

S53. Ans.(c)

Sol. The sentence states that the new legislation aims to achieve social equality and eliminate discrimination in all forms. Among the given options, "foster" implies promoting or nurturing social equality, while "obliterate" indicates completely eliminating or eradicating discrimination. Therefore, option (c) foster and obliterate is the correct choice.

Perpetuate: To continue or maintain a situation, often in a negative or undesirable manner.

Cumbersome: Difficult to handle or manage due to size, complexity, or weight.

Foster: To encourage or promote the development or growth of something.

Obliterate: To completely destroy or eliminate something; to erase or remove completely.

Uphold: To support or maintain something, often a principle or belief.

Intensify: To increase in strength, magnitude, or degree; to make more intense or severe.

Embrace: To accept or support something willingly or eagerly.

Amplify: To increase the volume, intensity, or effect of something; to make something louder or more significant.

Advocate: To support or promote a cause, idea, or action.

Provoke: To stimulate or incite a reaction, often a strong emotional or negative response.

S54. Ans.(e)

Sol. The correct choice is (e).

The inference question asks for the statement that is most likely to be true based on the information provided in the passage. The passage discusses the importance of hands-on learning experiences in education. Paragraph (i) mentions that hands-on learning is a more effective method than traditional lecture-based learning. Paragraph (ii) mentions that hands-on learning is a more engaging method than traditional lecture-based learning. Paragraph (iii) mentions that hands-on learning is a more practical method than traditional lecture-based learning. Paragraph (iv) mentions that hands-on learning is a more cost-effective method than traditional lecture-based learning. Paragraph (v) mentions that hands-on learning is a more accessible method than traditional lecture-based learning. Therefore, the correct choice is (e) "Hands-on learning is a more effective, engaging, practical, cost-effective, and accessible method than traditional lecture-based learning."

S55. Ans.(a)

Sol. The correct choice is (a).

The inference question asks for the statement that is most likely to be true based on the information provided in the passage. The passage discusses the impact of government policies on the economy. Paragraph (i) mentions that government policies can encourage investment in infrastructure. Paragraph (ii) mentions that government policies can encourage investment in research and development. Paragraph (iii) mentions that government policies can encourage investment in education. Paragraph (iv) mentions that government policies can encourage investment in healthcare. Paragraph (v) mentions that government policies can encourage investment in the environment. Therefore, the correct choice is (a) "Government policies can encourage investment in infrastructure, research and development, education, healthcare, and the environment."

S56. Ans.(c)

Sol. The correct choice is (c).

The inference question asks for the statement that is most likely to be true based on the information provided in the passage. The passage discusses the impact of forest on the environment. Paragraph (i) mentions that forest helps to mitigate climate change. Paragraph (ii) mentions that forest promotes biodiversity and supports ecological balance. Paragraph (iii) mentions that forest helps to improve air quality. Paragraph (iv) mentions that forest helps to improve water quality. Paragraph (v) mentions that forest helps to improve soil quality. Therefore, the correct choice is (c) "Forest helps to mitigate climate change, promote biodiversity, support ecological balance, improve air quality, improve water quality, and improve soil quality."

Paragraph (ii) focuses on the anthropogenic process that has altered the earth's ecosystem, plants, and animal communities. It is however mentioned that biodiversity can maintain ecosystem health and protect public health but it is not the major focus of the paragraph, and is only mentioned to state the effectiveness of biodiversity conservation. Therefore, the paragraph (ii) doesn't support the inference appropriately.

Paragraph (iii) emphasizes how forests serve and provide living to diverse species by providing them habitats, niche, and microhabitats. This implies that forests are crucial for maintaining biodiversity which subsequently maintains ecosystem. Therefore, paragraphs (i), and (iii) support the given inference, making the correct choice (c) "Both (i) and (iii)".

S57. Ans.(a)

Sol. The correct choice is (a) "All of these" as all paragraphs (i), (ii) and (iii) support the idea that competition in the business world fosters innovation and growth among companies.

Paragraph (i) emphasizes the drive for differentiation and outperforming competitors, which can be inferred as a motivation for companies to innovate. However, it does explicitly state that competition fosters innovation and growth.

Paragraph (ii) suggests that competition creates a dynamic environment where companies must continuously improve and adapt to remain competitive. This implies that the pressure to compete drives the need for innovation and growth.

Paragraph (iii) highlights how competition incentivises companies to find more efficient ways of operating, e.g. by streamlining processes and reducing costs. This also contributes to innovation and growth. Therefore, the correct answer is (a) "All of these".

S58. Ans.(b)

Sol. The correct answer is (b) "The inference drawn from the passage is that the growing convenience of online shopping has led to a change in consumer behaviour". The passage discusses how the growing convenience of online shopping has led to a change in consumer behaviour. It mentions that online shopping has become increasingly popular, and this has led to a change in the way consumers shop. The passage also mentions that online shopping has led to a change in the way businesses operate. Therefore, the correct answer is (b) "The inference drawn from the passage is that the growing convenience of online shopping has led to a change in consumer behaviour".

S59. Ans.(e)

Sol. The given highlighted word is incorrect. We use 'worked' to indicate the period of time. For 3 years' while we use 'was' to indicate a point in time in the past e.g. 'since meeting our friend'. Therefore, options (b) and (c) are also incorrect. Moreover, we need an adverb 'relax' to complete the sentence. The verb 'worked' and for this reason, 'relax' is an adjective. The correct sentence will be, "The Olympic Games were held in London in 2012".

S60. Ans.(c)

Sol. The given highlighted word is incorrect. Phrase 'each of the' is always followed by plural noun and singular verb. Therefore, here 'officer' should be replaced with 'officers' and 'need' should be replaced with 'needs'. The correct sentence will be, "Each of the officers needs to stay late in branches to complete the targets."

S61. Ans.(b)

Sol. The given highlighted word is incorrect. The pronoun "me" should be used instead of "I" when it functions as the object of the verb "given". Moreover, 'authority' is a singular object so will use singular auxiliary verb 'has'. Auxiliary verbs 'has/have/ had' are always followed by past participle and past participle of 'give' is 'given'. Therefore, the correct sentence will be, "The authority has given me the task to prepare the presentation by tomorrow."

S62. Ans.(a)

Sol. The given highlighted word is incorrect. We use past participle form of verb after auxiliary verb 'has' therefore, 'has recommended' will be used. Additionally, the word 'abstain' is normally followed by the preposition "from" when it means "to give something up" or "not to indulge in something." Hence the correct replacement is 'has recommended abstaining from'. The correct sentence will be, "**The doctor has recommended abstaining from eating sugary foods as part of her new healthy lifestyle.**"

S63. Ans.(c)

Sol. The given highlighted phrase is correct and needs no improvement.

S64. Ans.(b)

Sol. The phrase 'My sister is always following me' is correct. The word 'follow' is always followed by the preposition 'by'. Hence the correct sentence will be, "My sister is always following me." A gerund is a verb form that ends with the suffix "-ing" and functions as a noun.

S65. Ans.(c)

Sol. The correct sentence will be 4. The sentence will be: "This 'something' is typically what we consider as the 'meaning' of a given instance of speech or writing."

S66. Ans.(b)

Sol. The correct sentence will be 3142. The sentence will be: "We believe that the 'something' in the 'real world' is typically what we consider as the 'meaning' of a given instance of speech or writing."

S67. Ans.(a)

Sol. The correct sentence will be 342. The sentence will be: "In time, Algeria-born French philosopher Jacques Derrida (1930-2004) carried this critique to its furthest end with his theory of 'deconstruction'."

S68. Ans.(e)

Sol. The correct sentence will be: "This tradition has been challenged by philosophers such as Friedrich Nietzsche (1844-1900) and Martin Heidegger (1889-1976), who questioned categories such as 'knowledge', 'truth' and 'identity'."

S69. Ans.(d)

Sol. The correct order of the given sentences is BDAFCE.

The first sentence is (B), "The common understanding of language is that it consists of words, which carry specific meanings, and rules for combining those words into sentences" and mentions that the common understanding of language is based on the idea that language is composed of words that have specific meanings. Words are the building blocks of language and they convey particular concepts or ideas. Additionally, there are rules that dictate how these words can be combined to form coherent and meaningful sentences.

The second sentence is (D), "We believe that any use of language — a speech or a piece of writing — refers to 'something' in the 'real world' out there". This statement mentions the belief that whenever language is used, whether it is in the form of a spoken speech or a written piece, it is intended to refer to something that exists in the external reality or the "real world."

The third sentence is (A), "This 'something' is typically what we consider as the 'meaning' of a given instance of speech or writing". This statement mentions which mentions that the "something" referred to in the previous statement is what we commonly understand as the "meaning" of a particular instance of speech or writing. This meaning is the intended interpretation or understanding that we want to communicate to others.

The fourth sentence is (F), "This assumption of a text's meaning being stable, along with the necessary use of binaries underpins the Western philosophical tradition of reason, logic, ethics, and values that together constitute modernity". This sentence mentions the meaning of a text is stable, combined with the reliance on binary oppositions from the foundation of the Western philosophical tradition encompassing modernity.

The fifth sentence is (E), "This critique of the Western philosophical tradition, as Friedrich Nietzsche (1844-1900) and other philosophers such as Martin Heidegger (1889-1976) and Jacques Derrida (1929-2004) have argued, has played significant roles in critiquing the Western philosophical tradition mentioned in the previous statement".

The last sentence is (B), "Algeria-born French philosopher Jacques Derrida (1930-2004) carried this critique to its furthest end with his theory of 'deconstruction'". This sentence mentions that Jacques Derrida (1930-2004) carried this critique to its furthest end with his theory of 'deconstruction'. Derrida states that Derrida took this critique to its furthest end with his theory of 'deconstruction'.

S70. Ans.(b)

Sol. The most suitable word for the blank in this context would be "pedestal" (option b). In the given sentence, it mentions that one of the primary duties of the entity being referred to was the dispensation of justice. The word "pedestal" refers to a high position of great importance or authority. In this case, it signifies that the king holds a high position in the judicial system. "Chasten" (option a) means to discipline or correct through punishment. In the context of the sentence, it does not fit. "Endorsement" (option c) means to support or approve. In the context of the sentence, it does not fit. "Coeval" (option d) means to be of the same age or to exist at the same time. In the context of the sentence, it does not fit.

"Cumber" (option e) means to burden or obstruct, which is not suitable in the given context.

Therefore, the correct answer is (b) "pedestal," as it best fits the meaning of the sentence, indicating the highest position held by the king in the court system.

S71. Ans.(b)

Sol. The most suitable word for the blank in this context would be "sovereign" (option b).

In the given sentence, it mentions that one of the primary duties of the entity being referred to was the dispensation of justice. The word "sovereign" refers to a supreme ruler or authority who holds power and exercises control over a territory or a group of people. In the context of dispensing justice, the term "sovereign" implies the entity responsible for making legal decisions and maintaining law and order.

"Instinctive" (option a) means natural or intuitive, which does not convey the idea of an authority responsible for dispensing justice.

"Maestro" (option c) typically refers to a master in a particular field, such as music or art, and does not fit the context of dispensing justice.

"Magnanimous" (option d) means generous or forgiving, which is not directly related to the dispensation of justice.

"Affinity" (option e) refers to a natural liking or connection, but it does not convey the notion of authority in the context of dispensing justice.

Therefore, the correct answer is (b) "sovereign," as it best fits the meaning of the sentence, indicating the entity responsible for the dispensation of justice.

S72. Ans.(a)

Sol. The most suitable word for the blank in this context would be "dispensation" (option a).

In the given context, "dispensation" refers to the act of performing or giving out of something, especially the act of administering justice. "Dispensation" implies the act of administering justice.

"Divulgence" (option b) means the act of revealing or disclosing something, which does not fit the context of performing justice.

"Entice" (option c) means to attract or lure someone, which is not directly related to the act of performing justice.

"Uproar" (option d) means a loud and chaotic noise or disturbance, which is not applicable in the context of performing justice.

"Exhaustion" (option e) means tiredness or fatigue, which is not related to performing justice.

Therefore, the correct answer is (a) "dispensation," as it best fits the meaning of the sentence, indicating the act of performing justice.

S73. Ans.(e)

Sol. The most suitable word for the blank in this context would be "delegated" (option e).

In the given context, "delegated" refers to the act of transferring or assigned duties to someone else. "Delegated" implies the act of transferring or assigned duties to someone else.

"Mitigated" (option a) means to make something less severe or intense, which does not fit the context of transferring duties.

"Substantiated" (option b) means to provide evidence or support for something, which is not directly related to the transfer of duties.

"Clinched" (option c) means to secure or settle something decisively, which does not accurately convey the idea of transferring duties.

"Articulated" (option d) means to express or communicate something clearly, which is not applicable in the context of transferring duties.

Therefore, the correct answer is (e) "delegated," as it best fits the meaning of the sentence, indicating the act of transferring the King's duties to the judges.

S74. Ans.(c)

Sol. The most suitable word for the blank in this context would be "provincial" (option c).

In the given sentence, it mentions that every capital and large town had a Qazi. The word "provincial" means relating to a province or a particular region. In this context, it implies that each capital and large town had a Qazi appointed specifically for that region or province.

"Putative" (option a) means generally considered or assumed to be something, which does not accurately convey the idea of a capital or town having a Qazi.

"Yearning" (option b) means a strong desire or longing for something, which is not applicable in the context of a Qazi in a capital or town.

"Heckling" (option d) means to interrupt or harass someone with aggressive or mocking comments, which is unrelated to the context of a Qazi.

"Pondered" (option e) means to think deeply about something, which is not applicable in the context of a Qazi in a capital or town. Therefore, the correct answer is "provincial", indicating that a Qazi was appointed for each province or region.

S75. Ans.(a)

Sol. The most suitable word for the blank in this context would be "exemplified" (option a). In the given sentence, it mentions that Qazis held trials and were expected to be very diligent. The word "exemplified" means to serve as a typical example of something, which is suitable in the context of Qazis to meticulousness.

"Overlooked" (option b) means to fail to notice or consider something, which is not applicable in the context of the Qazis were expected to be diligent.

"Propagated" (option c) means to spread something widely, which is not relevant in the context of the Qazis were expected to be diligent.

"Exemplified" (option a) means to serve as a typical example of something, which is suitable in the context of conveying the idea of careful drafting of legal documents.

"Emboldened" (option d) means to give someone confidence or courage, which is not related to the expected task of Qazis. Therefore, the correct answer is "exemplified", indicating that the Qazis were obligated to be diligent.

S76. Ans.(c)

Sol. The most suitable word for the blank in this context would be "establishment" (option c).

In the given sentence, it mentions that the British introduced the common law system in India and established the Sadar Diwani Adalat. The word "establishment" here refers to the act of creating or setting up the Sadar Diwani Adalat, which was a significant development in the legal system.

"Ransacking" (option b) means to violently search or pillage a place, which is not appropriate in the context of the establishment of high courts.

"Ravaging" (option a) means to cause severe damage or destruction, which doesn't align with the idea of establishing high courts.

"Wrecking" (option d) means to cause the destruction of something, which is not suitable in describing the introduction of high courts.

"Ruination" (option e) means the act of ruining or destroying something completely, which doesn't accurately represent the establishment of high courts.

Therefore, the correct answer is (c) "establishment," as it appropriately signifies the British action of setting up the subsequent high courts following the Sadar Diwani Adalat.

S77. Ans.(d)

Sol. The most suitable word for the blank in this context would be "jurisdiction" (option d).

In the given sentence, it mentions that the federal court was established by the Government of India Act, 1935. The word "jurisdiction" here refers to the authority or power of a court to hear and decide on cases within a specific geographical or subject matter area. The sentence indicates that the federal court had a wider jurisdiction than the high courts, meaning it had the authority to handle a broader range of cases

"Injunction" refers to a specific action, which is not suitable in this context.

"Defendant" is a term used in describing a case, which is not suitable in this context.

"Abrogation" refers to the abolishing of something, which is not applicable in this context.

"Probation" refers to a period of testing or trial, which is not applicable in this context.

Therefore, the correct answer is (d) "jurisdiction," as it refers to the authority of the federal court over the high courts.

S78. Ans.(a)

Sol. The correct answer is (a) "undulating." The sentence mentions, "The tidal flow of both the Indian and British waterfowl found here are ideal for the spot-billed pelican (a waterbird)." The word "undulating" means moving in a wave-like motion, which is a characteristic of tidal flow. The other options are not suitable in this context. "Abetting" means assisting or supporting someone in a wrongdoing, which is unrelated to the concept of searching for food. "Bothering" means annoying or disturbing, which is not synonymous with foraging. "Retrofitting" means modifying or updating something to make it more efficient or functional, which is unrelated to foraging. All other options are not suitable in the context of the question.

S79. Ans.(b)

Sol. The correct answer is (b) "scavenging." The sentence mentions, "The word 'foraging' refers to the act of searching or gathering food, typically in the wild. A synonym for 'foraging' is 'scavenging,' which also means searching for food or resources. It involves finding and consuming leftover or discarded items."

Option (a) undulating means moving in a wave-like motion and is unrelated to the concept of searching for food.

Option (c) abetting means assisting or supporting someone in a wrongdoing, which is not related to foraging.

Option (d) bothering means annoying or disturbing, which is not synonymous with foraging.

Option (e) retrofitting means modifying or updating something to make it more efficient or functional, which is unrelated to foraging.

Therefore, the correct answer is (b) scavenging.

S80. Ans.(b)

Sol. The correct answer is (b) assistance.

The word "barrier" refers to something that acts as an obstacle or hindrance, creating a separation or restriction. An antonym for "barrier" is a word that represents the opposite meaning or concept.

Option (b) assistance means help or support, which is the opposite of a barrier. Assistance implies aiding or facilitating progress rather than hindering it.

Option (a) solace means comfort or relief, which is unrelated to the concept of a barrier.

Option (c) sufferance means endurance or tolerance, which is not an antonym of barrier.

Option (d) gist means the main point or essence of something, which is unrelated to the concept of a barrier.

Option (e) support means help or assistance, which is the opposite of a barrier.

Solutions (8)

People who

$$35\% = 70$$

$$100\% = 200$$

Percentage of

$$= (X + 15)\%$$

$$X + 15 = 65$$

$$X = 50$$

$$(X+15)\% = (65\%)$$

People who

People who

People who

$$Y = 150$$

Percentage of

People who

Percentage of

People who

People who

People who

People who

Percentage of

People who

People who

Percentage of

People who

Percentage of

People who

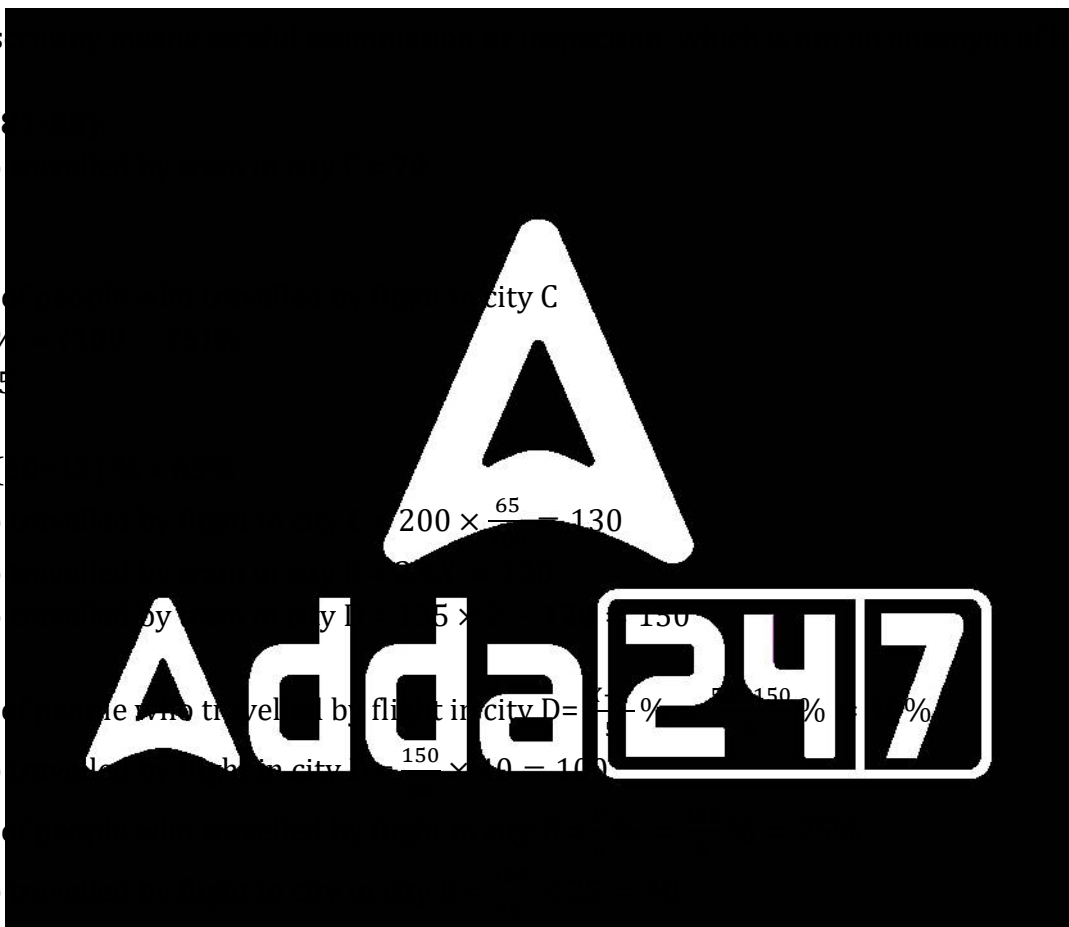
Percentage of

People who

Percentage of

People who

Percentage of



People who travelled by train in city A = $1.7X = 85$

Percentage of people who travelled by flight in city A = $\frac{85}{68} \times 32 = 40$

Cities	People who travelled by train	People who travelled by flight
A	85	40
B	120	40
C	70	130
D	150	100

S81. Ans.(b)

Sol. Required difference = $(120 + 150) - (40 + 130) = 270 - 170 = 100$

S82. Ans.(a)

Sol. People who travelled by train in city E = $1.2 \times 150 = 180$

Ratio of people who travelled by flight by cities A and E = $8 : \frac{50}{5} = 8 : 10$
 $= 4 : 5$

People who travelled by flight by city E = $\frac{40}{4} \times 5 = 50$

Total people who traveled in city E = $50 + 180 = 230$

S83. Ans.(e)

Sol. Required percentage = $\frac{40}{150} \times 100 = 26.67\%$

S84. Ans.(d)

Sol. People travelled in business class on the flight in city A = $40 \times \frac{55}{100} = 22$

People travelled in economic class on the flight in city A = $40 - 22 = 18$

Required ratio = $70 : 18 = 35 : 9$

S85. Ans.(c)

Sol. Total people = $23 = 4X = 40$

People who = $23 = 10 \times \frac{1}{6} = 50$

People who = $23 = 10 \times \frac{1}{6} = 50$

Total people = $22 = 70 + 130 = 200$

Required percentage = $\frac{200-150}{200} \times 100 = 25\%$

S86. Ans.(e)

Sol. Compound interest for two years at 10% per annum = $\left(10 + 10 + \frac{10 \times 10}{100}\right) \% = 21\%$

ATQ,

$$\frac{21}{100} \times (X + 1600) = 1176$$

$$X + 1600 = 5600$$

$$X = 4000$$

Amount he invest in simple interest = $4000 - 800 = \text{Rs } 3200$

$$3200 \times \frac{R}{100} \times 3 = 1440$$

$$R = 15\%$$

S87. Ans.(d)

Sol. Marked price = $\frac{180}{100} \times (X + 500)$

Selling price = $\frac{144}{100} \times (X + 500)$

$$\text{ATQ, } (X + 500) \times \left(\frac{180}{100} - \frac{144}{100}\right) = 1260$$

$$(X + 500) \times \frac{36}{100} = 1260$$

$$X = 3000$$

S88. Ans.(e)

Sol. Let the speed of the boat and speed of the current be X km/hr and Y km/hr respectively.

ATQ,

$$\frac{Y}{X-Y} = \frac{2}{3}$$

$$3Y = 2X - 2Y$$

$$5Y = 2X$$

$$\frac{5}{2} = \frac{X}{Y}$$

$$\frac{5a}{2a} = \frac{X}{Y}$$

$$\frac{210}{7a} = 5$$

$$a = 6$$

$$\text{Required distance} = 6 \times 5 \times 6 = 180 \text{ km}$$

S89. Ans.(a)

Sol. Let the

Speed of the

ATQ,

$$\frac{7x+8x}{20+25} = \frac{50}{3}$$

$$\frac{15x}{15} = 50$$

$$x = 50$$

The length of the river is 500 meters and 400 meters

Required time

S90. Ans.(b)

Sol. Let the age of A be x years

And the present age of B is $(x-5)$ years

The present age of C is $\frac{60}{x} \times (x-5)$ years

ATQ,

$$(x-4) - \left(\frac{3}{5}\right)$$

$$x-4 - \frac{3x}{5} =$$

$$\frac{2x}{5} = 8$$

$$x = 20$$

$$\text{Age of A after ten years} = (20 - 5) + 10 = 25 \text{ years}$$

Solutions (91-95)

Percentage of total credit card sold by R = $(100 - (30 + 25 + 20 + 15)) = 10\%$

$$X = 10$$

Let total credit card sold by all five companies be $100a$

$$\text{Give, } \frac{100a \times (20-10)}{100} = 140$$

$$10a = 140$$

$$a = 14$$

Total credit card sold by all five companies = 1400

Total credit cards of type B = $\frac{1400}{7} \times 3 = 600$

Total credit cards of type A = $1400 - 600 = 800$

Percentage of credit cards sold by T = $1.5 \times 10 = 15\%$

Percentage of credit cards sold by Q = $100 - (25 + 15 + 10 + 30) = 20\%$

Companies	Total credit cards sold	Type A credit card sold	Type B credit card sold
P	$1400 \times \frac{30}{100} = 420$	$800 \times \frac{25}{100} = 200$	$420 - 200 = 220$
Q	$1400 \times \frac{25}{100} = 350$	$800 \times \frac{20}{100} = 160$	$350 - 160 = 190$
R	$1400 \times \frac{10}{100} = 140$	$800 \times \frac{10}{100} = 80$	$140 - 80 = 60$
S	$1400 \times \frac{20}{100} = 280$	$800 \times \frac{30}{100} = 240$	$280 - 240 = 40$
T	$1400 \times \frac{15}{100} = 210$	$800 \times \frac{15}{100} = 120$	$210 - 120 = 90$

S91. Ans.(c)

Sol. Required percentage = $\frac{200-90}{200} \times 100 = 55\%$

S92. Ans.(b)

Sol. Required difference = $280 - (190 + 60) = 30$

S93. Ans.(e)

Sol. Type A credit cards by Q whose limit is Rs 20,000 = $160 \times \frac{60}{100} \times \frac{75}{100} = 72$

Required ratio = $40 : 72 = 5 : 9$

S94. Ans.(d)

Sol. Type A credit card sold to females by T = $120 \times \frac{5}{10} + 90 \times \frac{5}{10} = 50 + 45 = 95$

S95. Ans.(b)

Sol. Required percentage = $\frac{80}{350} \times 100 = 22.8\% \approx 23\%$

S95. Ans.(b)

Sol. Total credit cards sold by Y = $8X = 80$

Type B Credit cards sold by Y = $\frac{60}{100} \times 80 = 48$

Type A credit cards sold by Y = $80 - 48 = 32$

S96. Ans.(b)

Sol. Height of the cone = $\frac{28}{4} = 7$ cm

Let radius of the cone be r cm

$$\frac{1}{3} \times \frac{22}{7} \times r \times r \times 7 = 264$$

$$r \times r = 36$$

$$r = 6$$

$$\text{Radius of the cylinder} = \frac{6}{3} \times 4 = 8 \text{ cm}$$

$$\text{Required area} = 2 \times \frac{22}{7} \times 8 \times 14 = 704 \text{ cm}^2$$

S97. Ans.(e)

Sol. I. $3x^2 - 28x + 65 = 0$

$3x^2 - 15x - 13x + 65 = 0$

$3x(x - 5) - 13(x - 5) = 0$

$(3x - 13)(x - 5) = 0$

$x = 5, \frac{13}{3}$

II. $4y^2 - 36y + 81 = 0$

$4y^2 - 18y - 18y + 81 = 0$

$2y(2y - 9) - 9(2y - 9) = 0$

$(2y - 9)(2y - 9) = 0$

$y = \frac{9}{2}, \frac{9}{2}$

So, no relation

S98. Ans.(d)

Sol. I. $3x^2 =$

$x^2 = 9$

$x = -3, 3$

II. $6y^2 = \frac{162}{\frac{1}{y^2}}$

$y^{\frac{5}{2} + \frac{1}{2}} = 27$

$y^3 = 27$

$y = 3$

So, $x \leq y$

S99. Ans.(e)

Sol. I. $x^3 - 24x^2 + 17x = 0$

$x(x^2 - 24x + 17) = 0$

$x(x^2 - 17x - 7x + 119) = 0$

$x(x(x - 17) - 7(x - 17)) = 0$

$x((x - 17)(x - 7)) = 0$

$x = 0, 17, 7$

II. $y^3 - 30y^2 + 12y - 216 = 0$

$y(y^2 - 30y + 12) - 216 = 0$

$y(y^2 - 12y - 18y + 216) = 0$

$y(y(y - 12) - 18(y - 12)) = 0$

$y = 0, 12, 18$

So, no relation can be established between x and y

S100. Ans.(b)

Sol. I. $2x^2 - 20x - 15x + 62 = 0$

$2x^2 - 35x + 62 = 0$

$2x^2 - 4x - 31x + 62 = 0$

$2x(x - 2) - 31(x - 2) = 0$

$x = \frac{31}{2}, 2$

$$\text{II. } y^2 + 5y - 14 = 0$$

$$y^2 + 7y - 2y - 14 = 0$$

$$y(y + 7) - 2(y + 7) = 0$$

$$y = -7, 2$$

So, $x \geq y$

Solutions (101-105)

Students who like only pen R be x

Students who like only pen P = $x + 20$

Students who like only pen Q = $\frac{60}{100} \times (x + 20)$

Students who like only pen Q and R together = $\frac{x+20}{8} \times 3$

Given, $\left(\frac{60}{100} \times (x + 20) + \frac{x}{2} + \frac{x+20}{8} \times 3 \right) = 108$

$$\left(\frac{3x}{5} + 12 \right) + \frac{x}{2} + \frac{3x+60}{8} = 108$$

$$\frac{24x+20x+15x+40}{40} = 96$$

$$\frac{59x+300}{40} = 96$$

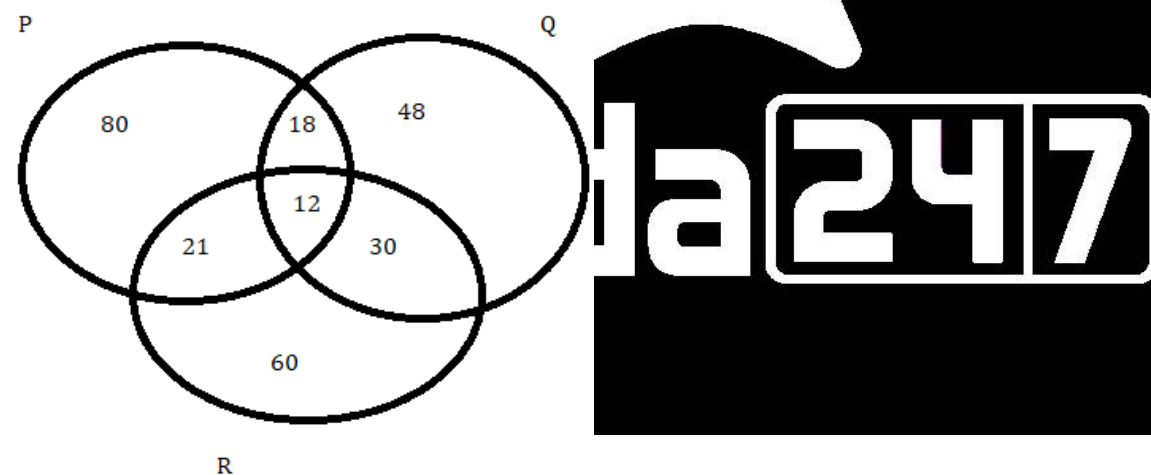
$$x = 60$$

Total number of students who like only two pens = $23 \times 3 = 69$

Students who like only pen P and Q together = $30 - 12 = 18$

Students who like only pen Q and R together = $\frac{x+20}{8} \times 3 = \frac{80}{8} \times 3 = 30$

Students who like only pen P and R together = $69 - 18 - 30 = 21$



S101. Ans.(d)

Sol. Students who like at least two pens = $21 + 12 + 30 + 18 = 81$

S102. Ans.(b)

Sol. Required ratio = $18 : 60 = 3 : 10$

S103. Ans.(e)

Sol. Students who like at most one pen = $80 + 48 + 60 = 188$

Required difference = $188 - 30 = 158$

S104. Ans.(c)

Sol. Students who don't like any pen = $329 - (80 + 18 + 48 + 21 + 12 + 30 + 60)$
 $= 329 - 269 = 60$

S105. Ans.(c)

Sol. Required percentage = $\frac{80-30}{30} \times 100 = 166.67\%$

S106. Ans.(e)

Sol. Profit sharing ratio of A, B and C = $6000 \times 12 : X \times 7 : (X - 2000) \times 9$

ATQ,

$$\frac{6000 \times 12}{7X + 9X - 18000}$$

$$126000 = 1$$

$$144000 = 1$$

$$9000 = X$$

$$9000 = X$$

$$\text{Required value}$$

S107. Ans.(c)

Sol. Initial quantity

Ratio of quantities

Quantity of A

Quantity of B

Quantity of C

ATQ,

$$\frac{35 - 26 \times \frac{7}{13} + X}{30 - 26 \times \frac{6}{13}} = \frac{21 + X}{18} = \frac{5}{3}$$

$$\frac{21 + X}{18} = \frac{5}{3}$$

$$X = 9$$

$$X = 9$$

$$X = 9$$

$$X = 9$$

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$$X = 9$$

S108. Ans.(c)

Sol. A complete

B complete the work = $\frac{1}{1} \times \frac{1}{3} = 40$ days

Total work (LCM of 25 & 40) = 200 units

Efficiency of A = $\frac{200}{25} = 8$ units/day

Efficiency of B = $\frac{200}{40} = 5$ units/day

Efficiency of C = $\frac{8}{2} = 4$ units/day

Amount of work done by A, B and C in 10 days = $10 \times (8 + 5 + 4) = 170$ units

Remaining work = $200 - 170 = 30$ units

Efficiency of D = $\frac{30}{1.5} - (8 + 5 + 4) = 3$ units/day

Required days = $\frac{200}{3} = 66.67$ days

Required days = $\frac{200}{3} = 66.67$ days

Required days = $\frac{200}{3} = 66.67$ days

Required days = $\frac{200}{3} = 66.67$ days

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Required days = $\frac{200}{3} = 66.67$ days

Required days = $\frac{200}{3} = 66.67$ days

Required days = $\frac{200}{3} = 66.67$ days

S109. Ans.(b)

Sol. Total weight of A, B and C = $36 \times 3 = 108$ kg

Total weight of B and C = $40 \times 2 = 80$ kg

Weight of A = $108 - 80 = 28$ kg

Weight of C = $\frac{28}{7} \times 9 = 36$ kg

Weight of B = $80 - 36 = 44$ kg

S110. Ans.(a)

Sol. Quantity I. Let capacity of the tank (LCM of 7, 28 & 14) = 28 units

Efficiency of pipes A and B = $\frac{28}{7} = 4$ units/min

Efficiency of

Efficiency of

Efficiency of

Efficiency of

Required time

Quantity II. 27

So, Quantity I > Quantity II

S111. Ans.(a)

Sol. Quantity I.

Let cost price = $100a$

Marked price = $100a \times \frac{220}{100} = 220a$

Selling price

ATQ,

$100a \times \frac{165}{100} =$

$X = 25$

Quantity II. $\frac{\frac{25}{100} \times 440}{4.4} = ?$

$\frac{110}{4.4} = ?$

$25 = ?$

So, Quantity I = Quantity II

S112. Ans.(b)

Sol. Composite compound interest of two years at 10% = $\left(10 + 10 + \frac{10 \times 10}{100}\right) \% = 21\%$

ATQ,

$\frac{21}{100} \times (2X + 696) = X$

$42X + 21 \times 696 = 100X$

$21 \times 696 = 58X$

$252 = X$

Amount invest in compound interest at R% p.a. = $5X + 740 = \text{Rs.}2000$

$$2000 \times \left(\left(1 + \frac{R}{100} \right)^2 - 1 \right) = (2.5 \times 252 + 15)$$

$$2000 \times \left(\left(1 + \frac{R}{100} \right)^2 - 1 \right) = 645$$

$$\left(1 + \frac{R}{100} \right)^2 = \frac{645}{2000} + 1$$

$$\left(1 + \frac{R}{100} \right)^2 = \frac{2645}{2000}$$

$$\left(1 + \frac{R}{100} \right)^2 = \frac{529}{400}$$

$$1 + \frac{R}{100} = \frac{23}{20}$$

$$\frac{R}{100} = \frac{3}{20}$$

$$R = 15$$

Quantity I.

$$\text{Required value} = \frac{X}{18} = \frac{252}{18} = 14$$

Quantity II.

$$\text{Required value} = R = 15$$

So, Quantity I < Quantity II

S113. Ans.(c)

Sol. Statement I.

Let the present age of A = $5x$ years

$$\text{The present age of A} = 5x \times \frac{80}{100} = 4x \text{ years}$$

$$\text{And the present age of C} = \frac{4x+5x}{2} + 5 = 4.5x + 5 \text{ years}$$

Statement II.

Total present age of A, B and C = 57 years

From both statements together

The present age of D = $57 - 5x - 4.5x - 5 = 47 - 9.5x$ years

$$5x + 4.5x + 47 - 9.5x - 2 = 57$$

$$13.5x = 54$$

$$x = 4$$

The age of D = $47 - 9.5 \times 4 = 10$ years

So, both the statements together are sufficient to answer the question.

S114. Ans.(c)

Sol. Statement I.

Let the length and breadth of the rectangle is $2x$ cm and $3x$ cm respectively

$$\text{Given, } 2(2x + 3x) = 80$$

$$5x = 40$$

$$x = 8$$

The length and breadth of the rectangle is 16 cm and 24 cm respectively

$$\text{Area of the square} = \frac{16 \times 24}{3} \times 8 = 1024 \text{ cm}^2$$

$$\text{Side of the square} = \sqrt{1024} = 32 \text{ cm}$$

Statement II.

Let the length and breadth of the rectangle be l cm and b cm respectively.

Given, $2(l + b) = 80$

$l + b = 40 \dots (i)$

And

$l \times b = 375$

$b = \frac{375}{l}$

b value put in (i)

$\frac{375}{l} + l = 40$

$l^2 - 40l + 375 = 0$

$l^2 - 15l - 25l + 375 = 0$

$l = 15, 25$

Length of the rectangle is 25 cm

And breadth is 15 cm

Perimeter of the rectangle is

Side of the square is 25 cm

So, either statement I or II is sufficient to answer the question.

S115. Ans.(d)

Sol. Let the amount invested in A be x and in B be y .

Amount spent in A = x

Amount spent in B = y

Amount spent in C = z

Amount invested in A = x

Amount invested in B = y

Amount invested in C = z

Statement I: $x + y + z = 100$

Statement II: $x + y + z = 100$

Statement III: $x + y + z = 100$

ATQ,

$30a - 6a = 720$

$24a = 720$

$a = 30$

Monthly income of A = $30 \times 100 = \text{Rs } 3000$

So, statement (II) alone is sufficient to answer the question.

S116. Ans.(d)

Sol. $15 \times \frac{25}{100} \times 140 = ? \times 15$

$\frac{525}{15} = ?$

$35 = ?$

S117. Ans.(e)

Sol. $1570 + 2190 - \frac{4}{9} \text{ of } 198 = \frac{?}{4}$

$3760 - 88 = \frac{?}{4}$

$14688 = ?$

S118. Ans.(d)

Sol. $\frac{80}{100} \times 560 + 361 - \sqrt[3]{4913}$

$448 + 361 - 17 = ?$

$792 = ?$

S119. Ans.(c)

Sol. $\frac{44}{4} \times \frac{9}{3} +$

$\sqrt{?} = 11 \times 3$

$36 = \sqrt{?}$

$? = 1296$

S120. Ans.(a)

Sol. $\sqrt{40\% \times}$

$? = \sqrt{150 + 4}$

$? = \sqrt{195}$

$? = 14$

