

ESIC UDC

Memory Based

Question Paper

2019

- Neeraj Chopra is associated with which sport? - **Javelin Throw**
- Veer Savarkar airport is situated in which city? - **Port Blair**
- Jallianwala Bagh Massacre anniversary was observed this year? - **13 April 1919 (100th Anniversary)**
- Rohan Bopanna is associated with which sport? - **Tennis**
- G-20 summit 2020 will be held in which city? - **Riyadh, Saudi Arabia**
- What is the currency of France? - **French Franc**
- 'Year 2020 - A vision for the new millennium' is a book, authored by - **Dr. APJ Abdul Kalam**
- Who is the Men's hockey team coach? - **Graham Reid**
- Who has been appointed as the first female chief economist of the IMF? - **Gita Gopinath**
- Bhakra Nangal dam is built on which river? - **Sutlej, Bilaspur, Himachal Pradesh**
- What does GDP stand for? - **Gross Domestic Product**
- Which railway station is renamed as Dr. MGR central railway station? - **Chennai Central Railway Station** (Puratchi Thalaivar Dr. M.G. Ramachandran Central Railway Station)
- Dena Bank and Vijaya bank were recently merged with which bank? - **Bank of Baroda**
- Who was appointed as the First Lokpal? - **Pinaki Chandra Ghose** is currently Lokpal of India since 23 March 2019
- World No Tobacco Day is observed on _____ - **May 31, 2020**
- Who became Miss India 2019? - **Suman Rao**
- Who has been selected as the Women cricketer of the year 2018? - **Smriti Mandhana**
- Mission Shakti is a project of DRDO and _____ - **ISRO**
- Where is the capital of Iran located? - **Tehran**
- Who is the Minister of Corporate Affairs? - **Nirmala Sitharaman**. Also holds Minister of Finance positions. She is the 2nd woman finance minister of India after Indira Gandhi
- Where is Hawa Mahal situated? - **Jaipur, India. (Maharaja Sawai Pratap Singh)**
- Who was named for the 'The Order of St. Andrew the Apostle', highest civilian award by Russia? - **Prime Minister Narendra Modi**
- SWiFT is a joint program of DRDO and which organization - **Aeronautical Development Establishment (ADE)**
- The government has ordered to change the nameplates of electric vehicles to which colour? - **Green**
- *Who is the present ambassador of India to Argentina?* - **Dinesh Bhatia**
- Who among the following is a Santoor player? - **Shiv Kumar Sharma, Rahul Sharma, Bhajan Saponi, Tarun Bhattacharya, Abhay Saponi**
- The latest G20 summit which was attended by Narendra Modi was held in _____ - **Japan**

Direction: Read the given passage carefully and answer the questions that follow. Certain words are printed in bold to help you locate them while answering some of the questions.

In a far-off village, there lived a milkman. The milkman was very poor. His only means of income was by selling the milk he collected from the two cows he had in his backyard. However, the milk was not sufficient for him to earn a living for a six-member family. He was the only individual who earned in his family. His family included his wife, his aged parents, and two young daughters.

The milkman used to carry two big cans which could hold an amount of six litres of milk in each. However, he could fill milk of somewhere about only three litres in each can, which he could collect from his cows. He crossed a river every day to go to another city and sell the milk. One day, while crossing the river the milkman thought of a plan so that he could double his earnings. He mixed some amount of water in one of the milk cans and went to sell. He was happy as he was able to earn an extra amount of money by selling the extra litres of milk mixed with water. In this way, every day while crossing the river, the milkman would mix water in both the cans. Therefore, instead of earning three litres of milk for each can, now the milkman earns six litres of milk for both the cans. He continued the same process of

mixing water with milk and then selling it to his customers.

The milkman became very wealthy through dishonest means. He crossed the river daily to reach the city where his customers lived. He mixed the water of the river generously with the milk that he sold for a good profit. Very soon he wanted to marry off one of his daughters. Therefore, one day he went around collecting the dues in order to celebrate the wedding of his daughter. With the large amount thus collected he purchased plenty of clothes and gold ornaments from the city. The milkman was very happy to buy everything and with the cheering mood, he happened to cross the river to go back to his village. But while crossing the river his boat got accidentally overturned. And to his misfortune, all his costly purchases were drowned in the river. **The milkman was in _____ and kept weeping.** While he was weeping and watching the river water from the bank of the river, at that time he heard a voice from the river. The voice said, "It is of no use weeping because what you have lost is only the **illegitimate** gains that you have earned through your customers by fooling them." The milkman understood his wrongdoing and he was very sorry for his mistake. What he had taken from the river, the river finally took it back from him.

1. Which of the following statement(s) is/are TRUE with reference to the passage?

I. The milkman was a dishonest and greedy man since childhood.

II. The milkman resorted to dishonest means to gather money for his daughter's marriage.

III. Milkman's wife gave him the idea of earning more through wrong means.

- A. Only I
- B. Only II
- C. Both I and III
- D. All I, II and III
- E. None of these

2. Which of the following best defines the moral of the story?

A. We let go off many good things in our life because of our *greed* of having even better things.

B. One must avoid being greedy because greed can make you struggle for things you do not need.

C. Honest dealings are always supreme and the money that you earn by wrong methods will never remain forever.

D. One must stay true to oneself and never let anyone force you to give up your honesty.

E. Every action has an equal and opposite reaction.

3. Which of the following words can best be used to fill the blank in the following statement, as used in the passage?

"The milkman was in _____ and kept weeping."

- A. Explosion
- B. Heartbreak
- C. Need
- D. Grief
- E. Prison

4. Which of the following words is most similar in meaning to the given word, as used in the passage?

Illegitimate

- A. Natural
- B. Nameless
- C. Unlawful
- D. Baseborn
- E. Contemptible

5. Which of the following statement(s) is NOT TRUE with reference to the passage?

A. The milkman was wise, honest but poor.

B. The milkman felt sorry for his deeds in the end.

C. The milkman was compelled to use dishonest means of earning due to his parents.

- D. Both A and B
- E. Both A and C

6. Which of the following can be said about the milkman?

A. He used to take advance payment for his milk supply to customers.

B. He was poor and unhappy with his life initially.

C. He was the only bread earner of the family.

- D. Both A and C
- E. Both B and C

Direction: In the following passage, there are blanks, each of which has been numbered. These numbers are printed below the passage and against each, five words are suggested, one of which fits the blank appropriately. Find out the appropriate word in each case.

Electronic waste, or e-waste, is a term for electronic products that have become **(###Q1###)**, non-working or obsolete, and have essentially reached the end of their **(###Q2###)** life. Because technology advances at such a high rate, many electronic devices become "trash" after a few short years of use. In fact, all **(###Q3###)** of old electronic items contribute to e-waste such as VCRs being replaced by DVD players, and DVD players being replaced by Blu-ray players. E-waste is created from anything electronic: computers, TVs, monitors, cell phones, PDAs, VCRs, CD players, fax machines, printers, etc. **(###Q4###)** electronic devices are rapidly filling the landfills of the globe. In the US alone, more than 100 million computers are thrown away with less than 20% being recycled properly. The EPA estimates as much as 60 million metric tons enter landfills every year. Most electronics that are improperly thrown away contain some form of **(###Q5###)** materials such as beryllium, cadmium, mercury and lead. These materials might be trace elements, but when added up

in volume, the threat to the environment is **(###Q6###)**. Besides adding harmful elements to the environment, **(###Q7###)** disposal of e-waste is a recycling opportunity lost. Almost all electronic waste contains some form of recyclable material, including plastic, glass and metals.

7. Find the appropriate word in each case.

- A. requisite
- B. paramount
- C. unwanted
- D. obligatory
- E. eminent

8. Find the appropriate word in each case.

- A. incidental
- B. useful
- C. agnate
- D. kindred
- E. homologous

9. Find the appropriate word in each case.

- A. method
- B. procedure
- C. categories
- D. tack
- E. operation

10. Find the appropriate word in each case.

- A. handy
- B. utility
- C. efficacious
- D. Obsolete
- E. competent

11. Find the appropriate word in each case.

- A. unnecessary
- B. dispensable
- C. prodigal
- D. profuse
- E. harmful

12. Find out the appropriate word in each case.

- A. significant
- B. abnormal
- C. unusual
- D. strange
- E. aberrant

13. Find out the appropriate word in each case.

- A. unscrupulous
- B. roguish
- C. Devious
- D. improper
- E. unchaste

Direction: Read the sentence to find out whether there is any error in it. The error, if any, will be in one part of the sentence. The number of that part is the answer. If the given sentence is correct as it is, mark the answer as No error. Ignore the errors of punctuation if any.

14. The teacher were 1)/impressed by her performance 2)/ and asked her to 3)/ participate in the competition. 4

- A. 1
- B. 2
- C. 3
- D. 4
- E. No error

Direction: Read the sentence to find out whether there is any error in it. The error, if any, will be in one part of the sentence. The number of that part is the answer. If there is no error, the answer is (5). Ignore errors of punctuation if any.

15. At last he had (1)/ come home again but (2)/ was very sad because (3)/ he is missing his pet sorely. (4)/ No error (5)

- A. 1
- B. 2
- C. 3
- D. 4
- E. 5

Direction: Read the sentence to find out whether there is an error in it. The error, if any, will be in one part of the sentence. The number corresponding to that part will be your answer. If the given sentence is correct as given, mark option E, i.e. "No error" as the answer. Ignore the errors of punctuation.

16. According to a new study, (1)/ taking steps to remain healthy and (2)/ young may helps delay (3)/ the onset of Alzheimer's disease. (4)

- A. 1
- B. 2
- C. 3
- D. 4
- E. No error

Direction: Read the sentence to find out whether there is any error in it. The error, if any, will be in one part of the sentence. The number of that part is the answer. If there is no error, the answer is (5). Ignore errors of punctuation if any.

17. A committee will be set up (1)/ to explore pros and cons by (2)/ a common fee structure, and will (3)/ take a final decision on it within a week. (4)

- A. 1
- B. 2
- C. 3
- D. 4
- E. No error

Directions: Pick out the most effective word from the given words to fill in the blank to make the sentence meaningful and complete.

18. No _____ had I lied to him than he slapped me.

- A. Earlier
- B. Later
- C. Soon
- D. Early
- E. Sooner

Directions: Pick out the most effective word from the given words to fill in the blank to make the sentence meaningful and complete.

19. Never in the 30 years of his career as a theatre critic has he felt so besmirched, so _____ and so insulted.

- A. Exhausted
- B. firm
- C. Abased

- D. honoured
- E. delighted

Directions: Pick out the most effective word from the given words to fill in the blank to make the sentence meaningful and complete.

20. The specialist has _____ my aunt against covering her bums.

- A. Suggested
- B. Advised
- C. Promised
- D. Told
- E. Agreed

Direction: Rearrange the following sentences A, B, C, D and E in a proper sequence to form a meaningful paragraph and then answer the questions that follow.

A. In addition, many countries resorted to competitive devaluations in order to promote domestic exports.

B. They also suspended the redemption of currencies with gold; thereby, ending the classical gold standard as a method of international trade.

C. Now, as currencies were not pegged with gold anymore, the exchange rates between currencies started fluctuating.

D. During this period, major countries imposed restrictions on gold exports.

E. The classical gold standard fell apart during the interwar period of 1915-1944.

21. Which of the following should be the SECOND sentence after rearrangement?

- A. A
- B. B
- C. C
- D. D
- E. E

22. Which of the following should be the FOURTH sentence after rearrangement?

- A. B
- B. C
- C. D
- D. E
- E. A

23. Which of the following should be the THIRD sentence after rearrangement?

- A. E
- B. A
- C. C
- D. D
- E. B

24. Which of the following should be the FIRST sentence after rearrangement?

- A. C
- B. D
- C. E
- D. A
- E. B

25. Which of the following should be the FIFTH sentence after rearrangement?

- | | |
|------|------|
| A. E | B. B |
| C. C | D. A |
| E. D | |

Direction: What will come in the place of question mark (?) in the given question?

26. 1, 2, 5, 16, 65, ?

- A. 338
- B. 278
- C. 326
- D. 331
- E. None of these

27. 8, ?, 4, 8, 32, 256

- A. 5
- B. 4
- C. 6
- D. 10
- E. None of these

28. 100, 97, 89, 75, 54, ?

- A. 28
- B. 25
- C. 32
- D. 24
- E. None of these

29. 3, 4.4, 7.2, 11.4, 17, ?

- A. 40
- B. 35
- C. 32
- D. 24
- E. 28

30. 15, 17, 24, 52, 115, ?

- A. 241
- B. 220
- C. 252
- D. 236
- E. 228

31. Sum of present ages of two persons A and B is 74 years. Two years ago, the ratio of their ages was 3 : 2 . What will be the age of B, 4 years hence?

- A. 30 years
- B. 34 years
- C. 24 years
- D. 36 years
- E. None of these

32. A can do $\frac{3}{4}$ th of a work in 15 days where as B can do $\frac{1}{5}$ th of the same work in 12 days. In how many days A and B together will complete the whole work?

- A. 16 days
- B. 20 days
- C. 12 days
- D. 15 days
- E. None of these

33. The compound interest obtained on an amount in 2 years at the rate of interest of 10% p.a. is Rs. 1932. What will be the simple interest for same sum in three years at 6% p.a.?

- A. Rs. 1656
- B. Rs. 1452
- C. Rs. 1598
- D. Rs. 1810
- E. None of these

34. A started a business with Rs. 3600, after 4 months B joined with 20% less capital than A. If the profit share of A is Rs. 8250, then find the total profit earned from the business after 1 year?

- A. Rs. 9250
- B. Rs. 11560
- C. Rs. 12650
- D. Rs. 10620
- E. None of these

Direction: What value should come in place of 'X' in the following question?

$$35. (X + 225.5) \times 40\% = 16 \times 12$$

- A. 281.5
- B. 235.6
- C. 244.6
- D. 254.5
- E. None of these

Direction: What value should come in place of 'X' in the following question?

$$36. 75\% \text{ of } 60 + 25\% \text{ of } 160 = X\% \text{ of } 170$$

- A. 60
- B. 45
- C. 50
- D. 55
- E. 40

Direction: What value should come in place of 'X' in the following question?

$$37. 1800 \times 80\% \text{ of } 25\% = X^2 \div 10$$

- A. 75
- B. 60
- C. 45
- D. 80
- E. None of these

Direction: What value should come in place of 'X' in the following question?

38. $45\% \text{ of } 360 - 8^2 = X - \sqrt{196}$

- A. 132
- B. 144
- C. 112
- D. 124
- E. None of these

Direction: What value should come in place of 'X' in the following question?

39. $40\% \text{ of } 250 = X\% \text{ of } 720 - 8$

- A. 15
- B. 24
- C. 18
- D. 16
- E. None of these

40. The area of a square is 1225 cm^2 . If one side of the square is used to make the diameter of a circle, find the circumference of the circle.

- A. 140 cm
- B. 110 cm
- C. 70 cm
- D. 105 cm
- E. None of these

41. Income of A is Rs. 42000 per month, he spends 30% on food, 40% of remaining on rent, and 50% of the remaining on entertainment and saves rest amount, find his monthly saving of A.

- A. Rs. 6800 B. Rs. 8820
- C. Rs. 7260 D. Rs. 7750
- E. None of these

42. The ratio of the cost price of a bottle to a jug is 4:5. The bottle is sold at 25% profit and the jug is sold at 12% profit. The total profit earned after selling the bottle and jug is Rs. 240. What is the cost price of the bottle?

- A. Rs. 540
- B. Rs. 600
- C. Rs. 720
- D. Rs. 450
- E. None of these

43. A train crosses a pole in 36 seconds and a platform in 52 seconds. If the length of the platform is 240 m more than the length of the train, what is the speed of the train?

- A. 16 m/s
- B. 12 m/s
- C. 15 m/s
- D. 20 m/s
- E. None of these

Direction: What approximate value will come in place of the question mark (?) in the following question? (You are not expected to calculate the exact value)

44. $419.99\% \text{ of } 14.98 = ? - 20.00\% \text{ of } 159.99$

- A. 80
- B. 95
- C. 64
- D. 84
- E. 60

Direction: What approximate value will come in place of the question mark (?) in the following question? (You are not expected to calculate the exact value)

$$45. ? + 44.9\% \text{ of } 960.01 = 23.97 \times 25.01$$

- A. 172
- B. 143
- C. 154
- D. 168
- E. 196

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

In the table, the total number of students and the percentage of boys in five different class of a school is given.

Class	Total number of students	Percentage of boys
VI	320	45%
VII	400	56%
VIII	360	55%
IX	400	64%
X	280	60%

46. What is the difference between the number of girls of class VIII and X together and the total number of students of class VI?

- A. 55
- B. 46
- C. 32
- D. 40
- E. None of these

47. What is the average of the total number of boys of class VI and class VII?

- A. 164
- B. 176
- C. 192
- D. 184
- E. None of these

48. What is the ratio of the number of girls of class VI to the number of boys of class IX?

- A. 11 : 16
- B. 10 : 13
- C. 8 : 5
- D. 12 : 7
- E. None of these

49. If the ratio of the number of girls of class V to class VI is 12 : 11 and the total number of students in class V is 420, find the total number of boys of class V.

- A. 210
- B. 244
- C. 256
- D. 228
- E. 264

50. The total number of boys of class VIII and class X is what percentage of the total number of students of class VII?

- A. 91.5%
- B. 82.6%
- C. 87.2%
- D. 92.5%
- E. 89.4%

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

Eight people i.e. A, B, C, D, E, F, G and H sit in a row but not necessarily in the same order. All of them face towards north direction. Two people sit between A and H. B sits second to the right of H. One person sits between B and G who sits at the end of the row. One

person sits between D and A . One person sits between E and D. F sits to the immediate right of C .

51. How many people sit between C and G?

- A. Three
- B. Four
- C. More than four
- D. One
- E. Two

52. What is the position of D with respect to G?

- A. Third to the left
- B. Second to the right
- C. Fourth to the left
- D. Third to the right
- E. None of these

53. How many people sit to the left of H?

- A. Two
- B. None
- C. Three
- D. One
- E. More than three

54. Who sits second to the right of C?

- A. B
- B. H
- C. E
- D. D
- E. None of these

55. Who amongst the following sit at the end of the row?

- A. F and A
- B. G and G
- C. G and C
- D. A and C
- E. None of these

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

Point K is 30m to the south of Point J. Point A is 22m to the north of Point S. Point D is 20m to the east of Point S. Point J is 22m to the east of Point H. Point F is 25m to the east of Point G. Point H is 24m to the north of Point G. Point D is 10m to the north of Point F.

56. What is the direction of Point G with respect to Point S?

- A. Northeast
- B. Southwest
- C. Southeast
- D. Northwest
- E. None of these

57. What is the direction of J with respect to F?

- A. Northwest
- B. Northeast
- C. Southeast
- D. Southwest
- E. None of these

58. What is the shortest distance between Point F and Point K?

- A. $\sqrt{31}$ m
- B. $\sqrt{34}$ m
- C. 7 m
- D. $\sqrt{45}$ m
- E. None of these

59. How many such pairs of letters are there in the word GHOST each of which has as many letters between them in the word in both forward and backward directions as in the English alphabet?

- A. Three
- B. Two
- C. One
- D. None
- E. Four

Direction: In the question below are given three statements followed by the 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.

60. **Statements:**

Only a few Car is Bus
No Bus is Bike
All Bike is Cycle

Conclusions:

- I. Some Cycle is Bus
- II. Some Car is not Bike
- A. Only I follows
- B. Only II follows
- C. Either I or II follows
- D. Neither I nor II follows
- E. Both I and II follow

61. **Statements:**

Only a few Computer is CPU
Some CPU is Mouse
All Mouse is Key

Conclusions:

- I. No Computer is Mouse
- II. All Key being CPU is a possibility
- A. Only I follows
- B. Only II follows
- C. Either I or II follows
- D. Neither I nor II follows
- E. Both I and II follow

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

GDE FHJ IJH AVD CEY

62. If all the letters are arranged according to English alphabetical order within the word, then, how many words start with vowel?

- A. Three
- B. One
- C. Two
- D. None
- E. Four

63. If positions of the first and last letters are interchanged within the words, then how many meaningful words can be formed?

- A. One
- B. Two
- C. Three
- D. Four
- E. None

64. If all the letters are arranged according to English alphabetical order within the words, then how many words will remain unchanged?

- A. Two
- B. One
- C. None
- D. Three
- E. Five

65.If in each word, the first letter is changed to the next letter and the last letter is changed to the previous letter according to the English alphabetical series then how many words will have at least one vowel?

- A. One
- B. Five
- C. None
- D. Four
- E. Two

66.If all the words are arranged from right to left in the alphabetical order, then which of the following will be second from the left end?

- A. IJH
- B. GDE
- C. FHJ
- D. CEY
- E. None of these

67.How many meaningful words of five letters can be made with the letters R, M, F, U and O each being used only once in each word?

- A. None
- B. One
- C. Two
- D. Three
- E. None of these

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

Six people i.e. A, B, C, D, E, and F have different weight. A is heavier than B but not as heavy as F. C is lighter than only two persons. F is not the heaviest person. B is not the

lightest person. E is lighter than D . The weight of the second lightest person and second heaviest person is 44kg and 83kg respectively.

68. Who amongst the following is the lightest?

- A. C
- B. A
- C. E
- D. B
- E. None of these

69.What would be the possible weight of D?

- A. 55 kg
- B. 91 kg
- C. 32 kg
- D. 68 kg
- E. None of these

70.How many people are lighter than A?

- A. Three
- B. Four
- C. Two
- D. None
- E. One

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

Seven boxes i.e. A, B, C, D, E, F, and G are kept one above the other in a stack. The lowermost stack is numbered 1, the stack above it is numbered 2 and so on until the topmost stack is numbered 7. All the information is not necessarily in the same order.

Three boxes are placed between Box A and Box G. Box A either placed at top or bottom. Box B is placed two places above Box G. Number of Boxes placed between Box G and Box A is same as number of boxes placed between Box B and Box E. Two boxes are placed between Box E and Box F. One box is placed between Box F and Box D. One box is placed between Box C and D.

71. How many boxes are kept between Box F and Box D?

- A. One
- B. Three
- C. None
- D. Two
- E. Four

72. Which amongst the following box is kept just below Box E?

- A. D
- B. C
- C. A
- D. G
- E. None of these

73. Four of the following five are alike in a certain way and hence form a group. Which amongst the following does not belong to that group?

- A. B
- B. A
- C. E
- D. F
- E. G

74. Which amongst the following box kept exactly between Box A and Box E?

- A. B
- B. F
- C. D
- D. C
- E. None of these

75. How many boxes kept above Box G?

- A. Three
- B. One
- C. Two
- D. None
- E. Five

ANSWERS

1. Ans. E.

The passage finds no mention of the milkman having the trait of dishonesty in his character when he was a child. The story only entails the fact that he was poor and the only bread earner of the family. So, to make more money he started mixing water in the milk.

Statement II also cannot be definitely said. Note these lines of the passage "Very soon he wanted to marry off one of his daughters." because he became dishonest not to fulfill the objective of marrying his daughter in a lavish way, but just to afford a decent living for his family. He started to earn this way long before his daughter acquired the age of getting married.

Statement III is also absolutely incorrect as he got this idea of mixing water on his own.

2. Ans. C.

The story teaches that whatever we earn through honest means is righteous and belongs to us, rest whatever we earn through wrong means, is bound to be lost and not going to stay with you forever because it was never yours. So, C is the correct answer.

3. Ans. D.

4. Ans. C.

Note that 'illegitimate' means

a. (of a child) born of parents not lawfully married to each other.

b. not authorized by the law; not in accordance with accepted standards or rules.

Note that the passage uses it in the second sense. Accordingly, option C is the apt answer.

5. Ans. B.

Of the given options, only B is true and correct, while both A and C are false. Milkman was not at all wise to use such short cuts to achieve wealth and never did his parents taught or compelled him to indulge into dishonest practices.

6. Ans. E.

Both B and C are correct about the milkman.

Refer to these lines "The milkman was very poor.....However, the milk was not sufficient for him to earn a living for a six-member family.....One day, while crossing the river the milkman thought of a plan so that he could double his earnings." This shows that he was unhappy of being unable to meet the requirements of his family and so he thought of the idea to become rich through dishonest means. C is a fact mentioned clearly in the passage. A is false, he used to collect money later after supplying milk to customers for a stipulated amount of time.

7. Ans. C.

'Requisite' means made necessary by particular circumstances or regulations. 'Paramount' means more important than anything else; supreme. 'Obligatory' means required by a legal, moral, or other rules; compulsory. 'Eminent' is (of a person) famous and respected within a particular sphere. Hence, they can be ruled out. Unwanted refers not or no longer desired. Therefore, the most appropriate option is unwanted.

8. Ans. B.

Incidental means happening as a minor accompaniment to something else. Agnate means a person descended from the same male ancestor as another specified or implied person, especially through the male line. Kindred are one's family and relations. Homologous means having the same relation, relative position, or structure. Hence, they can be ruled out. Useful means able to be used for a practical purpose or in several ways. In the context of this statement useful is the best suited.

9. Ans. C.

'Method' means a particular procedure for accomplishing or approaching something, especially a systematic or established one. 'Procedure' means an established or official way of doing something. Tack means a small, sharp broad-headed nail.

'Operation' means the action of the functioning or the fact of being active or in effect. Hence they are not suitable.

'Categories' mean a class or division of people or things regarded as having particular shared characteristics.

In the context of this statement, the word 'categories' is the best suited.

10. Ans. D.

Handy means convenient to handle or use; useful. Utility means the state of being useful, profitable, or beneficial. Efficacious is (of something inanimate or abstract) successful in producing a desired or intended result; effective. Competent means having the necessary ability, knowledge, or skill to do something successfully. Hence, these are not appropriate. Obsolete refers to no longer produced or used; out of date. In the context of this statement obsolete is the best suited.

11. Ans. E.

Unnecessary means not needed. Dispensable means able to be replaced or done without; superfluous. Prodigal refers to spending money or using resources freely and recklessly; wastefully extravagant. Profuse means (especially of something offered or discharged) very plentiful; abundant. Hence, they are not suitable. Harmful means causing or likely to cause harm. In the context of this statement harmful is the best suited.

12. Ans. A.

Abnormal means deviating from what is normal or usual, typically in a way that is undesirable or worrying. Unusual refers to not habitually or commonly occurring or done. Strange is unusual or surprising; difficult to understand or explain. Aberrant means departing from an accepted standard. Significant means sufficiently great or important to be worthy of attention; noteworthy. Hence, the most appropriate word is significant.

13. Ans. D.

Unscrupulous means having or showing no moral principles; not honest or fair. Roguish means characteristic of a dishonest or unprincipled person. So they can be ruled out. Devious means showing a skillful use of underhand tactics to achieve goals. Unchaste is relating to or engaging in sexual activity, especially of an illicit or extramarital nature. Hence they are not suitable. Improper means not in accordance with accepted standards, especially of morality or honesty. Hence the most appropriate word is improper.

14. Ans. A.

The error lies in the first part of the sentence. The subject of the given sentence is the teacher which is singular, hence 'were' should be replaced by 'was'.

15. Ans. D.

The sentence shows past time. Hence, "he was missing his pet sorely" (Past Progressive) should be used.

Hence, option D is correct.

16. Ans. C.

The error is in the third part of the sentence. We need to replace 'helps' with 'help'. After a modal verb, the root form of a verb is generally used. So, the correct answer is option C.

17. Ans. B.

Here in the sentence 'to explore pros and cons of', should be used because we are trying to show associativity of pros and cons with fee structure, while 'by' is used to show the doer of an action which is not the case here.

18. Ans. E.

'No sooner than' is a correlative conjunction. Thus, 'sooner' will fill the blank appropriately.

19. Ans. C.

Abase (verb) (अपमानित करना) - Behave in a way that belittles or degrades (someone)

20. Ans. B.

'Advise against' is a phrasal verb that means to recommend not to do something. Thus, 'advised' will replace the blank appropriately.

21. Ans. D.

Refer to the last question of the series.

22. Ans. B.

Refer to the last question of the series.

23. Ans. E.

Refer to the last question of the series.

24. Ans. C.

Refer to the last question of the series.

25. Ans. D.

While arranging sentences in a sequence, it is important to understand the central idea of the sentences so that the sub-themes can be judged.

The first sentence should be E as it introduces the topic of discussion, the decline of the gold standard. It should be followed by sentence D as it talks about the period mentioned in E. Next should be statement B which talks about some other steps taken by the countries. 'They' refers to the 'major countries' mentioned in statement D. 'The redemption of currency with gold' mentioned in statement B is linked with the 'currencies not pegged with gold anymore' in statement C, hence C follows. Statement C talks about the decrease in the exchange rates which is related to the 'increase in domestic exports' mentioned in statement A.

Hence, the correct sequence is EDBCA.

26. Ans. C.

Pattern of the series is:

$$1 \times 1 + 1 = 2$$

$$2 \times 2 + 1 = 5$$

$$5 \times 3 + 1 = 16$$

$$16 \times 4 + 1 = 65$$

$$65 \times 5 + 1 = 326$$

Hence, option C is correct.

27. Ans. B.

Pattern of the series is:

$$8 \times 0.5 = 4$$

$$4 \times 1 = 4$$

$$4 \times 2 = 8$$

$$8 \times 4 = 32$$

$$32 \times 8 = 256$$

Hence, option B is correct.

28. Ans. B.

Pattern of the series is:

$$100 - 3 = 97$$

$$97 - 3 - 5 = 89$$

$$89 - 3 - 5 - 6 = 75$$

$$75 - 3 - 5 - 6 - 7 = 54$$

$$54 - 3 - 5 - 6 - 7 - 8 = 25$$

Hence, option B is correct.

29. Ans. D.

Pattern of the series is:

$$3 + 1.4 \times 1 = 4.4$$

$$4.4 + 1.4 \times 2 = 7.2$$

$$7.2 + 1.4 \times 3 = 11.4$$

$$11.4 + 1.4 \times 4 = 17$$

$$17 + 1.4 \times 5 = 24$$

Hence, option D is correct.

30. Ans. A.

Pattern of the series is:

$$15 + (1^3 + 1) = 17$$

$$17 + (2^3 - 1) = 24$$

$$24 + (3^3 + 1) = 52$$

$$52 + (4^3 - 1) = 115$$

$$115 + (5^3 + 1) = 241$$

Hence, option A is correct.

31. Ans. B.

Let the age of A was 2 years ago be $3x$ years

The age of B was 2 years ago = $2x$ years

Present age of A = $3x + 2$ years

Present age of B = $2x + 2$ years

According to question,

$$3x + 2 + 2x + 2 = 74$$

$$\Rightarrow 5x = 70$$

$$\Rightarrow x = 14$$

Present age of B = $14 \times 2 + 2 = 30$ years

Required age of B = $30 + 4 = 34$ years

Hence, option B is correct.

32. Ans. D.

Time taken by A to complete the work alone = $15 \times \frac{4}{3} = 20$ days

Time taken by B to complete the work alone = $12 \times 5 = 60$ days

Time taken by A and B together to complete the work together =

$$\frac{20 \times 60}{20 + 60} = 15 \text{ days}$$

Hence, option D is correct.

33. Ans. A.

Let the sum be Rs. x

According to question,

$$x \times \left(1 + \frac{10}{100}\right)^2 - x = 1932$$

$$\Rightarrow \frac{121x}{100} - x = 1932$$

$$\Rightarrow 21x = 193200$$

$$\Rightarrow x = 9200$$

Required simple interest =

$$\frac{9200 \times 6 \times 3}{100} = \text{Rs. } 1656$$

Hence, option A is correct.

34. Ans. C.

A's investment = Rs. 3600

B's investment = $3600 \times 80\% = \text{Rs. } 2880$

Profit ratio of A to B = $3600 \times 12 : 2880 \times 8 = 15 : 8$

Total profit from the business =

$$\frac{8250}{15} \times 23 = \text{Rs. } 12650$$

Hence, option C is correct.

35. Ans. D.

$$(X + 225.5) \times 40\% = 16 \times 12$$

$$\Rightarrow X + 225.5 = 480$$

$$\Rightarrow X = 254.5$$

Hence, option D is correct.

36. Ans. C.

75% of 60 + 25% of 160 = $X\%$ of 170

$$\Rightarrow 45 + 40 = 1.7X$$

$$\Rightarrow 85 = 1.7X$$

$$\Rightarrow X = 50$$

Hence, option C is correct.

37. Ans. B.

$$1800 \times 80\% \text{ of } 25\% = X^2 \div 10$$

$$\Rightarrow 360 \times 10 = X^2$$

$$\Rightarrow X^2 = 3600$$

$$\Rightarrow X = 60$$

Hence, option B is correct.

38. Ans. C.

$$45\% \text{ of } 360 - 8^2 = X - \sqrt{196}$$

$$\Rightarrow 162 - 64 + 14 = X$$

$$\Rightarrow X = 112$$

Hence, option C is correct.

39. Ans. A.

$$40\% \text{ of } 250 = X\% \text{ of } 720 - 8$$

$$\Rightarrow 100 + 8 = 7.2X$$

$$\Rightarrow 7.2X = 108$$

$$\Rightarrow X = 15$$

Hence, option A is correct.

40. Ans. B.

$$\text{Side of the square} = \sqrt{1225} = 35 \text{ cm}$$

$$\text{Diameter of the circle} = 35 \text{ cm}$$

$$\text{Radius of the circle} = \frac{35}{2} \text{ cm}$$

$$\text{Circumference of the circle} = 2 \times \frac{22}{7}$$

$$\times \frac{35}{2} = 110 \text{ cm}$$

Hence, option B is correct.

41. Ans. B.

$$\text{Income of A} = \text{Rs. } 42000$$

$$\text{Amount spend on food} = 42000 \times 30\% = \text{Rs. } 12600$$

$$\text{Amount spend on rent} = (42000 - 12600) \times 40\% = \text{Rs. } 11760$$

$$\text{Amount spend on entertainment} = (42000 - 12600 - 11760) \times 50\% = \text{Rs. } 8820$$

$$\text{Saving} = 42000 - 12600 - 11760 - 8820 = \text{Rs. } 8820$$

Hence, option B is correct.

42. Ans. B.

Let the cost price of the bottle be Rs. $4x$.

Cost price of the jug = Rs. $5x$

According to question,

$$4x \times 25\% + 5x \times 12\% = 240$$

$$\Rightarrow x + 0.6x = 240$$

$$\Rightarrow 1.6x = 240$$

$$\Rightarrow x = 150$$

$$\text{Cost price of the bottle} = 150 \times 4 = \text{Rs. } 600$$

Hence, option B is correct.

43. Ans. C.

Let the length of the train be x m

Length of the platform = $x + 240$ m

According to question,

$$\frac{x}{36} = \frac{x+240}{52}$$

$$\Rightarrow 52x = 36x + 36 \times 240$$

$$\Rightarrow 16x = 36 \times 240$$

$$\Rightarrow x = 540$$

$$\text{Length of the train} = 540 \text{ m}$$

$$\text{Speed of the train} = \frac{540}{36} = 15 \text{ m/s}$$

Hence, option C is correct.

44. Ans. B.

$$419.99\% \text{ of } 14.98 = ? - 20.00\% \text{ of } 159.99$$

By approximation, we get

$$420\% \text{ of } 15 = ? - 20\% \text{ of } 160$$

$$\Rightarrow 63 + 32 = ?$$

$$\Rightarrow ? = 95$$

Hence, option B is correct.

45. Ans. D.

$$? + 44.9\% \text{ of } 960.01 = 23.97 \times 25.01$$

By approximation, we get

$$? + 45\% \text{ of } 960 = 24 \times 25$$

$$\Rightarrow ? + 432 = 600$$

$$\Rightarrow ? = 168$$

Hence, option D is correct.

46. Ans. B.

Class	Total number of students	Number of boys	Number of girls
VI	320	$320 \times 45\% = 144$	$320 - 144 = 176$
VII	400	$400 \times 56\% = 224$	$400 - 224 = 176$
VIII	360	$360 \times 55\% = 198$	$360 - 198 = 162$
IX	400	$400 \times 64\% = 256$	$400 - 256 = 144$
X	280	$280 \times 60\% = 168$	$280 - 168 = 112$

Required difference = $320 - (162 + 112) = 46$

Hence, option B is correct.

47. Ans. D.

Class	Total number of students	Number of boys	Number of girls
VI	320	$320 \times 45\% = 144$	$320 - 144 = 176$
VII	400	$400 \times 56\% = 224$	$400 - 224 = 176$
VIII	360	$360 \times 55\% = 198$	$360 - 198 = 162$
IX	400	$400 \times 64\% = 256$	$400 - 256 = 144$
X	280	$280 \times 60\% = 168$	$280 - 168 = 112$

Required average = $\frac{144+224}{2} = 184$

Hence, option D is correct.

48. Ans. A.

Class	Total number of students	Number of boys	Number of girls
VI	320	$320 \times 45\% = 144$	$320 - 144 = 176$
VII	400	$400 \times 56\% = 224$	$400 - 224 = 176$
VIII	360	$360 \times 55\% = 198$	$360 - 198 = 162$
IX	400	$400 \times 64\% = 256$	$400 - 256 = 144$
X	280	$280 \times 60\% = 168$	$280 - 168 = 112$

Required ratio = $176 : 256 = 11 : 16$

Hence, option A is correct.

49. Ans. D.

Class	Total number of students	Number of boys	Number of girls
VI	320	$320 \times 45\% = 144$	$320 - 144 = 176$
VII	400	$400 \times 56\% = 224$	$400 - 224 = 176$
VIII	360	$360 \times 55\% = 198$	$360 - 198 = 162$
IX	400	$400 \times 64\% = 256$	$400 - 256 = 144$
X	280	$280 \times 60\% = 168$	$280 - 168 = 112$

Number of girls of class V = $\frac{176}{11} \times 12 = 192$

Number of boys of class V = $420 - 192 = 228$

Hence, option D is correct.

50. Ans. A.

Class	Total number of students	Number of boys	Number of girls
VI	320	$320 \times 45\% = 144$	$320 - 144 = 176$
VII	400	$400 \times 56\% = 224$	$400 - 224 = 176$
VIII	360	$360 \times 55\% = 198$	$360 - 198 = 162$
IX	400	$400 \times 64\% = 256$	$400 - 256 = 144$
X	280	$280 \times 60\% = 168$	$280 - 168 = 112$

Required percentage

$$= \frac{198+168}{400} \times 100 = 91.5\%$$

Hence, option A is correct.

51. Ans. C.

1) Two people sit between A and H.
Here, we have 2 possible Cases i.e. Case 1 and Case 2.

Case 1 A H
 ↑ ↑ ↑ ↑

Case 2 H A
 ↑ ↑ ↑ ↑

2) B sits second to the right of H.
3) One person sits between B and G who sits at the end of the row.

Case 1 A H B G
 ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑

Case 2 H B A G
 ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑

4) One person sits between D and A.

5) One person sits between E and D.

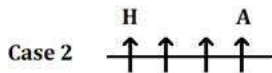
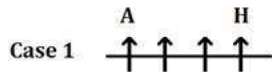
6) F sits to the immediate right of C. Here, Case 1 eliminated and our final arrangement will be:

C F E H D B A G
↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑

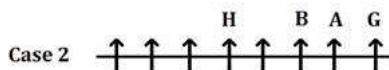
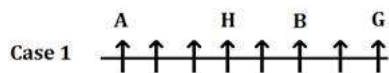
Hence, six people sit between C and G.

52. Ans. A.

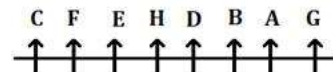
1) Two people sit between A and H.
Here, we have 2 possible Cases i.e. Case 1 and Case 2.



2) B sits second to the right of H.
3) One person sits between B and G who sits at the end of the row.



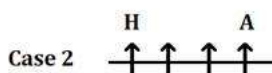
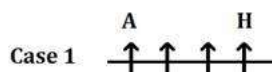
4) One person sits between D and A.
5) One person sits between E and D.
6) F sits to the immediate right of C.
Here, Case 1 eliminated and our final arrangement will be:



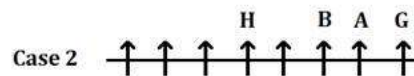
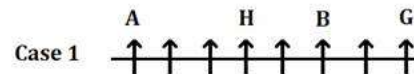
Hence, D is third to the left of G.

53. Ans. C.

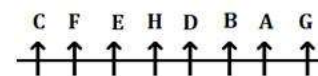
1) Two people sit between A and H.
Here, we have 2 possible Cases i.e. Case 1 and Case 2.



2) B sits second to the right of H.
3) One person sits between B and G who sits at the end of the row.



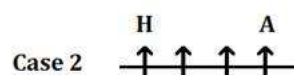
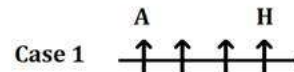
4) One person sits between D and A.
5) One person sits between E and D.
6) F sits to the immediate right of C.
Here, Case 1 eliminated and our final arrangement will be:



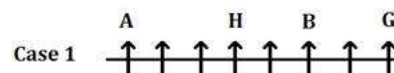
Hence, three people sit to the left of H.

54. Ans. C.

1) Two people sit between A and H.
Here, we have 2 possible Cases i.e. Case 1 and Case 2.

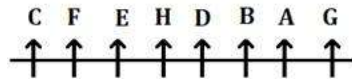


2) B sits second to the right of H.
3) One person sits between B and G who sits at the end of the row.



4) One person sits between D and A.
5) One person sits between E and D.
6) F sits to the immediate right of C.

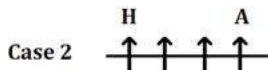
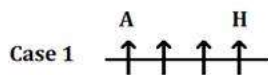
Here, Case 1 eliminated and our final arrangement will be:



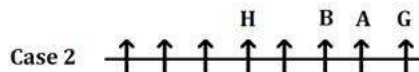
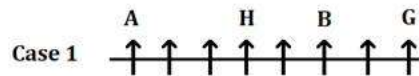
Hence, E sits second to the right of C.

55. Ans. C.

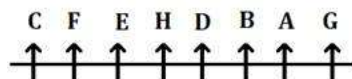
1) Two people sit between A and H. Here, we have 2 possible Cases i.e. Case 1 and Case 2.



2) B sits second to the right of H.
3) One person sits between B and G who sits at the end of the row.

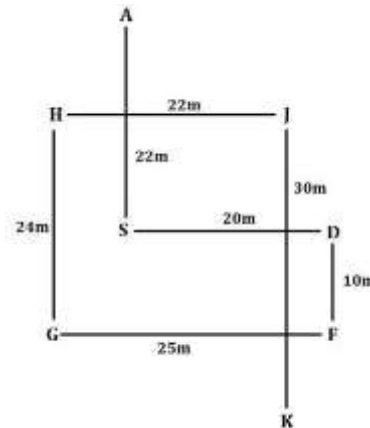


4) One person sits between D and A.
5) One person sits between E and D.
6) F sits to the immediate right of C. Here, Case 1 eliminated and our final arrangement will be:



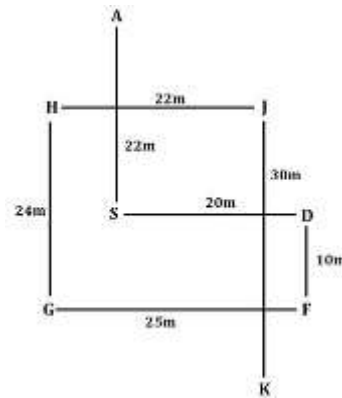
Hence, G and C sit at the end of the row.

56. Ans. B.



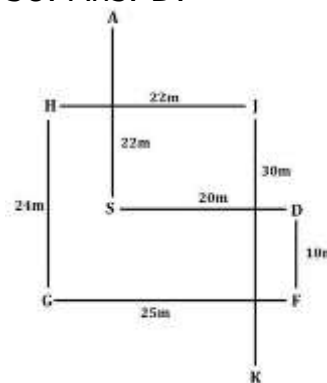
Clearly, option B is correct.

57. Ans. A.



Clearly, option A is correct.

58. Ans. D.



Clearly, $\sqrt{45}$ m is the correct answer.

59. Ans. B.

Given word- GHOST

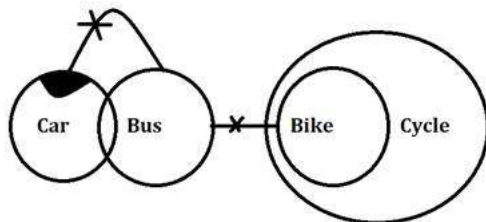
The given word can be represented as follows:

Letters	G	H	O	S	T
Positions	7	8	15	19	20

Thus, there are 2 such pairs- GH and ST.

Hence, two is the correct answer.

60. Ans. B.

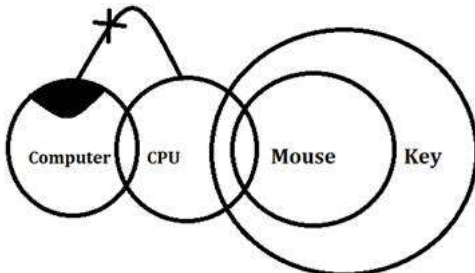


I. Some Cycle is Bus → False

II. Some Car is not Bike → True

Clearly, only II follows.

61. Ans. B.



I. No Computer is Mouse → False

II. All Key being CPU is a possibility → True

Clearly, only II follows.

62. Ans. B.

GDE FHJ IJH AVD CEY

After arrangement:

DEG FHJ HIJ ADV CEY

Clearly, only one words start with vowel.

63. Ans. E.

GDE FHJ IJH AVD CEY

After arrangement:

EDG JHF HJI DVA YEC

Clearly, no meaningful words can be formed.

64. Ans. A.

GDE FHJ IJH AVD CEY

After arrangement:

DEG FHJ HIJ ADV CEY

Clearly, two words changed.

65. Ans. E.

GDE FHJ IJH AVD CEY

After arrangement:

HDD GHI JJG BVC DEX

Clearly, two words have at least one vowel.

66. Ans. B.

After arrangement:

IJH GDE FHJ CEY AVD

Clearly, 'GDE' will be 2nd from left end.

67. Ans. B.

Five letters meaningful word = FORUM

68. Ans. C.

A is heavier than B but not as heavy as F.

$F > A > B$

C is lighter than only two persons.

$1 > 2 > C > 4 > 5 > 6$

F is not the heaviest person.

B is not the lightest person.

$1 > F > C > A > B > 6$

E is lighter than D.

$D > F > C > A > B > E$

The weight of the second lightest person and second heaviest person is 44 kg and 83kg respectively.

$$D > F > C > A > B > E$$

83kg 44kg

Clearly, E is the lightest.

69. Ans. B.

A is heavier than B but not as heavy as F.

$$F > A > B$$

C is lighter than only two persons.

$$1 > 2 > C > 4 > 5 > 6$$

F is not the heaviest person.

B is not the lightest person.

$$1 > F > C > A > B > 6$$

E is lighter than D.

$$D > F > C > A > B > E$$

The weight of the second lightest person and second heaviest person is 44 kg and 83kg respectively.

$$D > F > C > A > B > E$$

83kg 44kg

Clearly, possible weight of D is 91 kg.

70. Ans. C.

A is heavier than B but not as heavy as F.

$$F > A > B$$

C is lighter than only two persons.

$$1 > 2 > C > 4 > 5 > 6$$

F is not the heaviest person.

B is not the lightest person.

$$1 > F > C > A > B > 6$$

E is lighter than D.

$$D > F > C > A > B > E$$

The weight of the second lightest person and second heaviest person is 44 kg and 83kg respectively.

$$D > F > C > A > B > E$$

83kg 44kg

Clearly, two people are lighter than A.

71. Ans. A.

1) Three boxes are placed between Box A and Box G.

2) Box A either placed at top or bottom.

Here, we have two possible cases i.e. case 1 and case 2.

Case 1	Case 2
Boxes	Boxes
A	
	G
G	
	A

3) Box B is placed two places above Box G.

4) Number of Boxes placed between Box G and Box A is same as number of boxes placed between Box B and Box E.

5) Two boxes are placed between Box E and Box F.

Case 1	Case 2
Boxes	Boxes
A	B
	F
B	G
F	
G	E
E	A

6) One box is placed between Box F and Box D.

7) One box is placed between Box C and D.

Here, case 1 eliminated.

Boxes
B
F
G
D
E
C
A

Clearly, one box kept between Box F and Box D.

72. Ans. B.

1) Three boxes are placed between Box A and Box G.

2) Box A either placed at top or bottom.

Here, we have two possible cases i.e. case 1 and case 2.

Case 1	Case 2
Boxes	Boxes
A	
	G
G	
	A

3) Box B is placed two places above Box G.

4) Number of Boxes placed between Box G and Box A is same as number of boxes placed between Box B and Box E.

5) Two boxes are placed between Box E and Box F.

Case 1	Case 2
Boxes	Boxes
A	B
	F
B	G
F	
G	E
E	A

6) One box is placed between Box F and Box D.

7) One box is placed between Box C and D.

Here, case 1 eliminated.

Boxes
B
F
G
D
E
C
A

Clearly, Box C kept just below Box E.

73. Ans. D.

1) Three boxes are placed between Box A and Box G.

2) Box A either placed at top or bottom.

Here, we have two possible cases i.e. case 1 and case 2.

Case 1	Case 2
Boxes	Boxes
A	
	G
G	
	A

3) Box B is placed two places above Box G.

4) Number of Boxes placed between Box G and Box A is same as number of boxes placed between Box B and Box E.

5) Two boxes are placed between Box E and Box F.

Case 1	Case 2
Boxes	Boxes
A	B
	F
B	G
F	
G	E
E	A

6) One box is placed between Box F and Box D.

7) One box is placed between Box C and D.

Here, case 1 eliminated.

Boxes
B
F
G
D
E
C
A

Clearly, F is on an even numbered position.

74. Ans. D.

1) Three boxes are placed between Box A and Box G.

2) Box A either placed at top or bottom.

Here, we have two possible cases i.e. case 1 and case 2.

Case 1	Case 2
Boxes	Boxes
A	
	G
G	
	A

3) Box B is placed two places above Box G.

4) Number of Boxes placed between Box G and Box A is same as number of boxes placed between Box B and Box E.

5) Two boxes are placed between Box E and Box F.

Case 1	Case 2
Boxes	Boxes
A	B
	F
B	G
F	
G	E
E	A

6) One box is placed between Box F and Box D.

7) One box is placed between Box C and D.

Here, case 1 eliminated.

Boxes
B
F
G
D
E
C
A

Clearly, Box C kept exactly between Box A and Box E.

75. Ans. C.

1) Three boxes are placed between Box A and Box G.

2) Box A either placed at top or bottom.

Here, we have two possible cases i.e. case 1 and case 2.

Case 1	Case 2
Boxes	Boxes
A	
	G
G	
	A

3) Box B is placed two places above Box G.

4) Number of Boxes placed between Box G and Box A is same as number of boxes placed between Box B and Box E.

5) Two boxes are placed between Box E and Box F.

Case 1	Case 2
Boxes	Boxes
A	B
	F
B	G
F	
G	E
E	A

6) One box is placed between Box F and Box D.

7) One box is placed between Box C and D.

Here, case 1 eliminated.

Boxes
B
F
G
D
E
C
A

Clearly, two boxes kept above Box G.