

IBPS PO Pre 2023 (30th September) Shift-Wise Previous Year Paper Mock 02

Q1. According to the passage, why do courts often use market share as a rough indicator of monopoly power?

Read the passage to answer the given questions

One type of violation of the antitrust laws is the abuse of monopoly power. Monopoly power is the ability of a firm to raise its prices above the competitive level—that is, above the level that would exist naturally if several firms had to compete. In order to show that a firm has abused monopoly power, and thereby violated the antitrust laws, two essential facts must be established. First, a firm must be shown to possess monopoly power, and second, that power must have been used to exclude competition in the monopolized market.

The price, a firm may charge for its product, is constrained by the availability of its close substitutes. If a firm attempts to charge a higher price—a supracompetitive price—customers will turn to other firms that supply _____ products at competitive prices. If a firm provides a large percentage of the products actually or potentially available, however, customers may find it difficult to buy from alternative suppliers. Consequently, a firm with a large share of the relevant market of substitutable products may be able to raise its price without losing many customers. For this reason, courts often use market share as a rough indicator of monopoly power.

Supracompetitive prices are associated with a loss of consumers' welfare because such prices force some consumers to buy a less attractive product than they would ordinarily buy. Supracompetitive prices, however, do not themselves constitute an abuse of monopoly power. Antitrust laws do not attempt to counter the mere existence of monopoly power. For example, a firm enjoying economies of scale—that is, low unit production costs due to high volume—does not violate the antitrust laws when it obtains a large market share by charging prices that are profitable but so low that its smaller rivals cannot survive. If the antitrust laws posed disincentives to the existence and growth of such firms, the laws could impair consumers' welfare. Even if the firm, upon acquiring monopoly power, chose to raise prices in order to increase profits, it would not be in violation of the antitrust laws.

- (a) Market share directly determines the profitability of a firm.
- (b) Market share is the sole determinant of abuse of monopoly power.
- (c) Market share indicates the definite presence of supracompetitive prices.
- (d) Market share determines the ability of a firm to exclude competition.
- (e) Market share is an accurate measure of a firm's unit production costs.

Ans.(d)

Q2. Why does the passage suggest that antitrust laws do not attempt to counter the mere existence of monopoly power?

Read the passage to answer the given questions

One type of violation of the antitrust laws is the abuse of monopoly power. Monopoly power is the ability of a firm to raise its prices above the competitive level—that is, above the level that would exist naturally if several firms had to compete. In order to show that a firm has abused monopoly power, and thereby violated the antitrust laws, two essential facts must be established. First, a firm must be shown to

possess monopoly power, and second, that power must have been used to exclude competition in the monopolized market.

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- (a) Antitrust laws only prioritize the protection of smaller rival firms.
- (b) Antitrust laws focus on maintaining high levels of consumer welfare.
- (c) Antitrust laws seek to encourage the growth of large-scale firms.
- (d) Antitrust laws view monopoly power as necessary for market stability.
- (e) None of these

Ans.(b)

Q3. According to the passage, which scenario does not violate antitrust laws?

Read the passage to answer the given questions

One type of violation of the antitrust laws is the abuse of monopoly power. Monopoly power is the ability of a firm to raise its prices above the competitive level—that is, above the level that would exist naturally if several firms had to compete. In order to show that a firm has abused monopoly power, and thereby violated the antitrust laws, two essential facts must be established. First, a firm must be shown to possess monopoly power, and second, that power must have been used to exclude competition in the monopolized market.

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- (a) A firm charging prices profitable so high that eliminates smaller rivals.
- (b) A firm raising prices to increase profits after acquiring monopoly power.
- (c) A firm using economies of scale to obtain a large market share.
- (d) A firm dominating the market by excluding competition.
- (e) A firm pricing its product above the competitive level.

Ans.(c)

Q4. Which of the following statements is true regarding supracompetitive prices?

Read the passage to answer the given questions

One type of violation of the antitrust laws is the abuse of monopoly power. Monopoly power is the ability of a firm to raise its prices above the competitive level—that is, above the level that would exist naturally if several firms had to compete. In order to show that a firm has abused monopoly power, and thereby violated the antitrust laws, two essential facts must be established. First, a firm must be shown to possess monopoly power, and second, that power must have been used to exclude competition in the monopolized market.

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- (a) Supracompetitive prices always indicate an abuse of monopoly power.
- (b) Supracompetitive prices are irrelevant to the concept of monopoly power.
- (c) Supracompetitive prices are associated with a loss of consumers' welfare.
- (d) Supracompetitive prices violate antitrust laws in all cases.
- (e) Supracompetitive prices benefit consumers' welfare

Ans.(c)

Q5. What are the two essential facts that must be established to show that a firm has violated the antitrust laws by abusing monopoly power?

Read the passage to answer the given questions

One type of violation of the antitrust laws is the abuse of monopoly power. Monopoly power is the ability of a firm to raise its prices above the competitive level—that is, above the level that would exist naturally if several firms had to compete. In order to show that a firm has abused monopoly power, and thereby violated the antitrust laws, two essential facts must be established. First, a firm must be shown to possess monopoly power, and second, that power must have been used to exclude competition in the monopolized market.

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- (a) The firm's market share and competitive pricing
- (b) The firm's possession of monopoly power and exclusion of competition
- (c) The firm's ability to raise prices and loss of consumers' welfare
- (d) The firm's profitability and supracompetitive pricing
- (e) The firm's existence and growth potential

Ans.(b)

Q6. Which of the following words will fit into the given blank in the passage?

Read the passage to answer the given questions

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- (a) preceded
- (b) withered
- (c) legitimate
- (d) native
- (e) alternative

Ans.(e)

Q7. Which of the following words is the synonym of 'impair' as highlighted in the given passage?

Read the passage to answer the given questions

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- (a) implode
- (b) clamp
- (c) upgrade
- (d) debilitate
- (e) garnish

Ans.(d)

Q8. Which of the following words is the antonym of 'essential' as highlighted in the given passage?

Read the passage to answer the given questions

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- (a) trivial
- (b) vital
- (c) synchronous
- (d) transitional
- (e) devotional

Ans.(a)

Q9. She asked me to lent (A)/ her some money (B)/ as she was (C)/ running out of cash (D)/ No Error (E).

Each question is divided into four parts in which one part contains the error. Choose the incorrect part as your answer. If the sentence doesn't contain any error, choose "No Error" as your answer choice.

- (a) A
- (b) B
- (c) C
- (d) D
- (e) No Error

Ans.(a)

Q10. Despite of (A)/ his busy schedule, (B)/ he manages to (C)/ spend time with his family (D)/ No Error (E). Each question is divided into four parts in which one part contains the error. Choose the incorrect part as your answer. If the sentence doesn't contain any error, choose "No Error" as your answer choice.

- (a) A
- (b) B
- (c) C
- (d) D
- (e) No Error

Ans.(a)

Q11. Each student (A)/ are required to submit (B)/ his or her (C)/ project by tomorrow (D)/ No Error (E). Each question is divided into four parts in which one part contains the error. Choose the incorrect part as your answer. If the sentence doesn't contain any error, choose "No Error" as your answer choice.

- (a) A
- (b) B
- (c) C
- (d) D
- (e) No Error

Ans.(b)

Q12. I'm sorry, but (A)/ I can't go with you (B)/ because I have (C)/ another appointments. (D)/ No Error (E). Each question is divided into four parts in which one part contains the error. Choose the incorrect part as your answer. If the sentence doesn't contain any error, choose "No Error" as your answer choice.

- (a) A
- (b) B
- (c) C
- (d) D
- (e) No Error

Ans.(d)

Q13. Which of the following should be the second sentence of the rearrangement?

Five sentences are given in the question which are not arranged in the correct order. Rearrange these sentences to answer the given questions.

- (A) With the major players expanding their bases to smaller town and cities, the industry is being further propelled forward.
- (B) The rising penetration of internet due to cheaper data rates is also aiding the market.
- (C) The online food delivery industry is one of the fastest-growing segments in the Indian e-commerce industry.
- (D) Thus, the increased funding and rise in the self-owned delivery fleet by the major players, are providing further impetus.
- (E) The rapid rise in the number of smartphone users in the country is expanding the consumer base of the industry in India.

- (a) A
- (b) B
- (c) C
- (d) D
- (e) E

Ans.(e)

Q14. Which of the following should be the last sentence of the rearrangement?

Five sentences are given in the question which are not arranged in the correct order. Rearrange these sentences to answer the given questions.

- (A) With the major players expanding their bases to smaller town and cities, the industry is being further propelled forward.
- (B) The rising penetration of internet due to cheaper data rates is also aiding the market.
- (C) The online food delivery industry is one of the fastest-growing segments in the Indian e-commerce industry.
- (D) Thus, the increased funding and rise in the self-owned delivery fleet by the major players, are providing further impetus.
- (E) The rapid rise in the number of smartphone users in the country is expanding the consumer base of the industry in India.

- (a) A
- (b) B
- (c) C
- (d) D
- (e) E

Ans.(d)

Q15. Which of the following should be the first sentence of the rearrangement?

Five sentences are given in the question which are not arranged in the correct order. Rearrange these sentences to answer the given questions.

- (A) With the major players expanding their bases to smaller town and cities, the industry is being further propelled forward.

- (B) The rising penetration of internet due to cheaper data rates is also aiding the market.
- (C) The online food delivery industry is one of the fastest-growing segments in the Indian e-commerce industry.
- (D) Thus, the increased funding and rise in the self-owned delivery fleet by the major players, are providing further impetus.
- (E) The rapid rise in the number of smartphone users in the country is expanding the consumer base of the industry in India.
- (a) A
- (b) B
- (c) C
- (d) D
- (e) E

Ans.(c)

Q16. Which of the following should be the fourth sentence of the rearrangement?

Five sentences are given in the question which are not arranged in the correct order. Rearrange these sentences to answer the given questions.

- (A) With the major players expanding their bases to smaller town and cities, the industry is being further propelled forward.
- (B) The rising penetration of internet due to cheaper data rates is also aiding the market.
- (C) The online food delivery industry is one of the fastest-growing segments in the Indian e-commerce industry.
- (D) Thus, the increased funding and rise in the self-owned delivery fleet by the major players, are providing further impetus.
- (E) The rapid rise in the number of smartphone users in the country is expanding the consumer base of the industry in India.
- (a) A
- (b) B
- (c) C
- (d) D
- (e) E

Ans.(a)

Q17. Which of the following should be the third sentence of the rearrangement?

Five sentences are given in the question which are not arranged in the correct order. Rearrange these sentences to answer the given questions.

- (A) With the major players expanding their bases to smaller town and cities, the industry is being further propelled forward.
- (B) The rising penetration of internet due to cheaper data rates is also aiding the market.
- (C) The online food delivery industry is one of the fastest-growing segments in the Indian e-commerce industry.
- (D) Thus, the increased funding and rise in the self-owned delivery fleet by the major players, are providing further impetus.

(E) The rapid rise in the number of smartphone users in the country is expanding the consumer base of the industry in India.

- (a) A
- (b) B
- (c) C
- (d) D
- (e) E

Ans.(b)

Q18. The doctor carefully (A) examined the disease (B) to diagnose (C) the underlying patient (D). In each of the questions given below, four words have been highlighted. These four words may or may not have been placed in their correct positions. The sentence is then followed by options with the correct combination of words that should replace each other in order to make the sentence grammatically and contextually correct. Find the correct combination of the words that should replace each other.

- (a) A-C
- (b) B-D
- (c) A-B & D-C
- (d) C-D
- (e) No replacement required

Ans.(b)

Q19. Despite his comprehend (A) attempts, he couldn't numerous (B) the theories (C) complex (D). In each of the questions given below, four words have been highlighted. These four words may or may not have been placed in their correct positions. The sentence is then followed by options with the correct combination of words that should replace each other in order to make the sentence grammatically and contextually correct. Find the correct combination of the words that should replace each other.

- (a) A-B
- (b) B-C
- (c) C-D
- (d) A-B & C-D
- (e) No replacement required

Ans.(d)

Q20. The caring volunteer underprivileged (A) her time to helping (B) those in need, making a positive (C) impact in the lives of the dedicated (D). In each of the questions given below, four words have been highlighted. These four words may or may not have been placed in their correct positions. The sentence is then followed by options with the correct combination of words that should replace each other in order to make the sentence grammatically and contextually correct. Find the correct combination of the words that should replace each other.

- (a) A-D
- (b) B-C
- (c) C-D
- (d) A-C & B-D

(e) No replacement required

Ans.(a)

Q21. I good (A) the feeling of side (B) into a comfortable chair, with a relish (C) book in my hands and a cup of tea by my sinking (D). In each of the questions given below, four words have been highlighted. These four words may or may not have been placed in their correct positions. The sentence is then followed by options with the correct combination of words that should replace each other in order to make the sentence grammatically and contextually correct. Find the correct combination of the words that should replace each other.

(a) A-C

(b) B-D

(c) A-C & B-D

(d) C-D

(e) No replacement required

Ans.(c)

Q22. The frolicked (A) puppy playful (B) in the park, chasing (C) after a colorful ball with boundless (D) energy. In each of the questions given below, four words have been highlighted. These four words may or may not have been placed in their correct positions. The sentence is then followed by options with the correct combination of words that should replace each other in order to make the sentence grammatically and contextually correct. Find the correct combination of the words that should replace each other.

(a) A-C

(b) A-B

(c) A-B & D-C

(d) C-D

(e) No replacement required

Ans.(b)

Q23. I have doubts that he will be able to complete the project on time. Which of the options, (a), (b), (c), (d) given below each sentence should replace the phrase printed in bold in the sentence to make sentence grammatically correct? If the sentence is already grammatically correct, mark option 'No replacement required' as the answer.

(a) that he will being

(b) whether he will being

(c) whether he will be

(d) if he were be

(e) No replacement required

Ans.(c)

Q24. If I had reached the station five minutes ago, I would have catch the train. Which of the options, (a), (b), (c), (d) given below each sentence should replace the phrase printed in bold in the sentence to make sentence grammatically correct? If the sentence is already grammatically correct, mark option 'No replacement required' as the answer.

- (a) I would catch
- (b) I would had catch
- (c) I were catch
- (d) I would have caught
- (e) No replacement required

Ans.(d)

Q25. Despite the rain, a number of students has showed up to the outdoor event. Which of the options, (a), (b), (c), (d) given below each sentence should replace the phrase printed in bold in the sentence to make sentence grammatically correct? If the sentence is already grammatically correct, mark option 'No replacement required' as the answer.

- (a) students have showed up
- (b) student have showed up
- (c) student had showed up
- (d) students has showing up
- (e) No replacement required

Ans.(a)

Q26. The government is committed to _____ public safety and _____ effective law enforcement measures.

The following question has two blanks, each blank indicating that something has been omitted. Choose the set of words for each blank that best fits in the context of the sentence.

- (a) jeopardizing, weakening
- (b) prioritizing, strengthening
- (c) overlooking, undermining
- (d) compromising, promoting
- (e) overlooking, strengthening

Ans.(b)

Q27. To improve customer satisfaction, the company should focus on _____ service quality and _____ responsiveness to customer needs.

The following question has two blanks, each blank indicating that something has been omitted. Choose the set of words for each blank that best fits in the context of the sentence.

- (a) enhancing, increasing
- (b) diminishing, decreasing
- (c) compromising, neglecting
- (d) maintaining, limiting
- (e) enhancing, neglecting

Ans.(a)

Q28. To promote a healthy lifestyle, it is essential to encourage regular _____ and _____ eating habits.

The following question has two blanks, each blank indicating that something has been omitted. Choose the set of words for each blank that best fits in the context of the sentence.

- (a) exercise, balanced
- (b) sedentary, unhealthy
- (c) inactivity, excessive
- (d) rest, irregular
- (e) walk, excessive

Ans.(a)

Q29. The manager provided _____ feedback to the team and _____ their efforts in meeting project deadlines.

The following question has two blanks, each blank indicating that something has been omitted. Choose the set of words for each blank that best fits in the context of the sentence.

- (a) constructive, acknowledged
- (b) destructive, appreciated
- (c) foreseen, criticized
- (d) vague, rescued
- (e) constructive, delusion

Ans.(a)

Q30. The speaker delivered a/an _____ presentation, engaging the audience with _____ stories and persuasive arguments.

The following question has two blanks, each blank indicating that something has been omitted. Choose the set of words for each blank that best fits in the context of the sentence.

- (a) plausible, charming
- (b) tempting, gruesome
- (c) compelling, captivating
- (d) gruesome, passive
- (e) triggering, boring

Ans.(c)

Q31. The total number of chocolates distributed to girls in school A is how many more or less than that of boys in school D.

Read the following table carefully and answer the questions given below. The table shows the average number of students (boys and girls) and the difference between the number of boys and girls in five schools. The table also shows the number of chocolates distributed to each boy or girl by these schools.

Note: The number of girls in each school (except school C) is more than that of boys.

Schools	Average number of students (boys and girls)	Difference between the number of boys and girls	Number of chocolates distributed to each boy or girl
A	45	30	20
B	70	40	12
C	50	0	15
D	55	40	8
E	90	60	5

- (a) 840
(b) 920
(c) 950
(d) 870
(e) 990

Ans.(b)

Q32. Find the ratio between the total number of boys in schools A and B together and the number of girls in schools C and D together.

Read the following table carefully and answer the questions given below. The table shows the average number of students (boys and girls) and the difference between the number of boys and girls in five schools. The table also shows the number of chocolates distributed to each boy or girl by these schools. Note: The number of girls in each school (except school C) is more than that of boys.

Schools	Average number of students (boys and girls)	Difference between the number of boys and girls	Number of chocolates distributed to each boy or girl
A	45	30	20
B	70	40	12
C	50	0	15
D	55	40	8
E	90	60	5

- (a) 15:28
(b) 14:27
(c) 13:29
(d) 11:23
(e) 16:25

Ans.(e)

Q33. The total number of girls in school X is 25% more than that in school A, and the total number of students in school X is three times the average number of boys in schools E and C. The number of boys in school X is what percentage more or less than the total number of girls in school D?

Read the following table carefully and answer the questions given below. The table shows the average number of students (boys and girls) and the difference between the number of boys and girls in five schools. The table also shows the number of chocolates distributed to each boy or girl by these schools.

Note: The number of girls in each school (except school C) is more than that of boys.

Schools	Average number of students (boys and girls)	Difference between the number of boys and girls	Number of chocolates distributed to each boy or girl
A	45	30	20
B	70	40	12
C	50	0	15
D	55	40	8
E	90	60	5

- (a) 15%
- (b) 10%
- (c) 25%
- (d) 20%
- (e) 5%

Ans.(d)

Q34. The monthly fee of each boy and each girl in school E is Rs 800 and Rs 450, respectively. If the monthly fee of each student in school C is Rs 720, then find the average amount received by school E and school C.

Read the following table carefully and answer the questions given below. The table shows the average number of students (boys and girls) and the difference between the number of boys and girls in five schools. The table also shows the number of chocolates distributed to each boy or girl by these schools.

Note: The number of girls in each school (except school C) is more than that of boys.

Schools	Average number of students (boys and girls)	Difference between the number of boys and girls	Number of chocolates distributed to each boy or girl
A	45	30	20
B	70	40	12
C	50	0	15
D	55	40	8
E	90	60	5

- (a) Rs 87000
- (b) Rs 78000
- (c) Rs 98000
- (d) Rs 89000

(e) Rs 87500

Ans.(a)

Q35. . The total number of chocolates distributed to boys in school B is what percentage of the sum of the number of girls in schools B & E and the number of boys in school A?

Read the following table carefully and answer the questions given below. The table shows the average number of students (boys and girls) and the difference between the number of boys and girls in five schools. The table also shows the number of chocolates distributed to each boy or girl by these schools. Note: The number of girls in each school (except school C) is more than that of boys.

Schools	Average number of students (boys and girls)	Difference between the number of boys and girls	Number of chocolates distributed to each boy or girl
A	45	30	20
B	70	40	12
C	50	0	15
D	55	40	8
E	90	60	5

- (a) 125%
- (b) 250%
- (c) 25%
- (d) 200%
- (e) None of these

Ans.(b)

Q36. $19.99\% \text{ of } 650.3 = ? \times ? + 2.99 \times 3.01$

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

- (a) 8
- (b) 5
- (c) 14
- (d) 20
- (e) 11

Ans.(e)

Q37. $14.95^2 + 9.03 \times 10.99 = ?$

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

- (a) 324
- (b) 250
- (c) 320
- (d) 260
- (e) 230

Ans.(a)

Q38. 49.87% of $720.2 = ? \times 4.99 + 4.12 \times 5.08$

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

- (a) 68
- (b) 76
- (c) 71
- (d) 55
- (e) 90

Ans.(a)

Q39. $2.97^3 + 4.99 \times 3.01 = ?$

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

- (a) 36
- (b) 40
- (c) 42
- (d) 50
- (e) 45

Ans.(c)

Q40. $(24.98\% \text{ of } 880.2)/10.99 + 39.98\% \text{ of } 200 = \sqrt{(?)}$

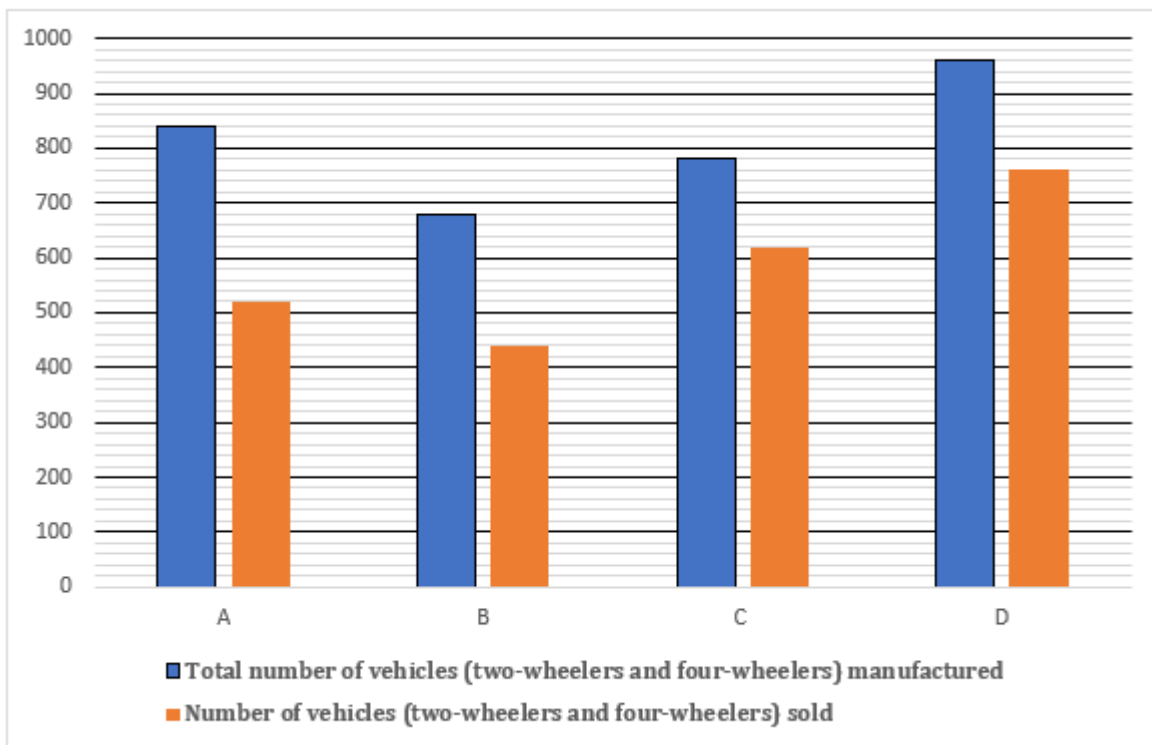
What approximate value will come in place of question mark (?) in the following question. (You are not expected to calculate the exact value)

- (a) 7500
- (b) 8900
- (c) 10000
- (d) 2000
- (e) 4500

Ans.(c)

Directions (41-45): Read the following bar graph carefully and answer the questions given below. The bar graph shows the total number of vehicles (two-wheelers and four-wheelers) manufactured by four companies. The bar graph also shows the number of vehicles (two-wheelers and four-wheelers) sold by these companies.

Note: Total number of vehicles manufactured = Number of vehicles sold + Number of vehicles unsold.



Q41. Find the difference between the total vehicles unsold by company B and company D.

- (a) 50
- (b) 45
- (c) 40
- (d) 35
- (e) 30

Ans.(c)

Q42. The ratio of two-wheelers and four-wheelers vehicles manufactured by A is 9:5. If the total $\frac{2}{5}$ th of the unsold vehicles are two-wheelers, then find the total number of four-wheeler vehicles sold by A.

- (a) 105
- (b) 112
- (c) 108
- (d) 109
- (e) 124

Ans.(c)

Q43. The total vehicles manufactured by E and C are in the ratio of 11:13, respectively. If three-fifths of the total vehicles are unsold by E, then the total vehicles sold by E is what percentage of the total unsold vehicles by D?

- (a) 120%
- (b) 145%
- (c) 138%
- (d) 132%

(e) None of these

Ans.(d)

Q44. Find the ratio of the total vehicles sold by C to the total vehicles manufactured by A.

(a) 37: 41

(b) 30:47

(c) 32:47

(d) 33:49

(e) 31:42

Ans.(e)

Q45. Find the average number of total vehicles unsold by all the four companies.

(a) 210

(b) 230

(c) 205

(d) 240

(e) 245

Ans.(b)

Q46.

I. $2x^2 - 5x + 3 = 0$

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

In the following question, two equations are given. Solve these equations, and answer the question given below.

(a) If $x > y$

(b) If $x \geq y$

(c) If $x < y$

(d) If $x \leq y$

(e) If no relation can be established between x and y

Ans.(c)

Q47.

I. $x^2 - 7x + 12 = 0$

II. $y^2 - 9y + 14 = 0$

In the following question, two equations are given. Solve these equations, and answer the question given below.

(a) If $x > y$

(b) If $x \geq y$

(c) If $x < y$

(d) If $x \leq y$

(e) If no relation can be established between x and y

Ans.(e)

Q48.

I. $4x^2 - 13x + 10 = 0$

II. $y^2 - 6y + 8 = 0$

In the following question, two equations are given. Solve these equations, and answer the question given below.

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

Ans.(d)

Q49.

I. $3x^2 - 11x + 10 = 0$

II. $2y^2 - 8y + 6 = 0$

In the following question, two equations are given. Solve these equations, and answer the question given below.

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

Ans.(e)

Q50.

I. $5x^2 + 14x + 8 = 0$

II. $4y^2 - 15y + 11 = 0$

In the following question, two equations are given. Solve these equations, and answer the question given below.

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

Ans.(c)

Q51. Total female managers in C is how many more or less than the male managers in B.

Read the following information carefully and answer the questions given below. The information about total managers (males and females) in three companies.

The ratio of total managers in A, B, and C is 1:2:1, and 30% are the male managers out of total managers in A. The female managers in B are 20% more than those in A. The total male managers in B are 58, and the total female managers in C are two-fifths of the total managers in A.

(a) 32

(b) 38

(c) 35

(d) 36

(e) 31

Ans.(b)

Q52. Male managers in A is what percentage more or less than the female managers in C?

Read the following information carefully and answer the questions given below. The information about total managers (males and females) in three companies.

The ratio of total managers in A, B, and C is 1:2:1, and 30% are the male managers out of total managers in A. The female managers in B are 20% more than those in A. The total male managers in B are 58, and the total female managers in C are two-fifths of the total managers in A.

(a) 25%

(b) 20%

(c) 12%

(d) 33.33%

(e) 66.67%

Ans.(a)

Q53. Find the ratio of the total managers in A to the total female managers in B and A together.

Read the following information carefully and answer the questions given below. The information about total managers (males and females) in three companies.

The ratio of total managers in A, B, and C is 1:2:1, and 30% are the male managers out of total managers in A. The female managers in B are 20% more than those in A. The total male managers in B are 58, and the total female managers in C are two-fifths of the total managers in A.

(a) 54:89

(b) 51:98

(c) 50:77

(d) 51:77

(e) None of these

Ans.(c)

Q54. If the male managers in D are half that in B and the female managers in C are 20% less than those in D, then find the total managers in D.

Read the following information carefully and answer the questions given below. The information about total managers (males and females) in three companies.

The ratio of total managers in A, B, and C is 1:2:1, and 30% are the male managers out of total managers in A. The female managers in B are 20% more than those in A. The total male managers in B are 58, and the total female managers in C are two-fifths of the total managers in A.

- (a) 88
- (b) 100
- (c) 72
- (d) 54
- (e) 95

Ans.(d)

Q55. If 20% and 40% of the male and female managers, respectively, are graduates in C, then find the total non-graduate managers in C.

Read the following information carefully and answer the questions given below. The information about total managers (males and females) in three companies.

The ratio of total managers in A, B, and C is 1:2:1, and 30% are the male managers out of total managers in A. The female managers in B are 20% more than those in A. The total male managers in B are 58, and the total female managers in C are two-fifths of the total managers in A.

- (a) 24
- (b) 30
- (c) 36
- (d) 20
- (e) 32

Ans.(c)

Q56. A man invested the same amount in two different schemes, i.e., A and B. He invested in schemes A and B at 8.5% p.a. and 8% p.a., respectively, for four years. If the difference between the simple interest received from schemes A and B is Rs 40, then find the amount he invested in each scheme.

- (a) 2000
- (b) 2500
- (c) 2400
- (d) 2800
- (e) 3000

Ans.(a)

Q57. Neha spends 35% of her monthly salary on shopping and 20% of the remaining salary on food. She then spends her remaining salary on SIP and charity in the ratio of 3:1 respectively. If the difference between the amount spent on SIP and shopping is Rs. 1200, find the monthly income of Neha (in Rs).

- (a) Rs 34000

- (b) Rs 20000
- (c) Rs 25000
- (d) Rs 30000
- (e) None of these

Ans.(d)

Q58. The sum of the present ages of Anika and Riya is 29 years. If after four years the age of Anika is 20/17th that of Riya, then find the present age of Riya.

- (a) 13 years
- (b) 11 years
- (c) 17 years
- (d) 16 years
- (e) 12 years

Ans.(a)

Q59. The average of four consecutive even numbers is X. If the ratio of the smallest and largest number is 3:4, respectively, then find X.

- (a) 18
- (b) 21
- (c) 16
- (d) 2
- (e) 24

Ans.(b)

Q60. The ratio of speed of boat in still water to speed of stream is 8 : 1. It takes 4 hours by boat to cover 54 km in downstream & 42 km in upstream. Find the downstream speed of boat.

- (a) 25 kmph
- (b) 24 kmph
- (c) 21 kmph
- (d) 27 kmph
- (e) 23 kmph

Ans.(d)

Q61. The radius of a circle is 14 cm. what is area of another circle having radius 1.5 times the actual circle (in sq. cm)?

- (a) 1296
- (b) 1386
- (c) 1352
- (d) 1485
- (e) 1276

Ans.(b)

Q62. A shopkeeper marked the price of an article by 40% above cost price and gave discount of Rs. 224. On the final amount, he charged 10% tax. In the whole transaction, he earned Rs. 158.6. Find cost price of the article.

- (a) Rs 750
- (b) Rs 760
- (c) Rs 744
- (d) Rs 757
- (e) Rs 748

Ans.(a)

Q63. Time taken to travel a certain distance of 'x' km at speed of 40 km/h is 2 hours more than the time taken to travel (x+20) km at speed of 60 km/h. Find the time taken to travel (x+40) km at the speed of 40 km/h?

- (a) 9 hours
- (b) 5 hours
- (c) 8 hours
- (d) 6 hours
- (e) 7.5 hours

Ans.(c)

Q64. A train travelling at 72 km/hr. crosses a platform of 160 m in 18 second and another train travelling at 90 km/hr crosses the same platform in 15 second. Find the length of both the trains?

- (a) 160 m
- (b) 180 m
- (c) 140 m
- (d) 400 m
- (e) 415 m

Ans.(e)

Q65. A container contains a mixture of milk and water in which water is 24%. 50% of the mixture is taken out in then, water becomes 78 liter less than the milk. Find the remaining quantity of milk in that container?

- (a) 171 lit
- (b) 152 lit
- (c) 133 lit
- (d) 108 lit
- (e) 114 lit

Ans.(e)

Q66. If P is related to Q and in the same way K is related to N then who among the following persons is related to L?

Study the following information carefully to answer the given questions below:

A certain number of persons sit in a row and face north. P sits sixth to the left of T who sits immediately to the right of S. Seven persons sit between S and K. N sits fourth to the right of K. The number of persons sit between T and N is one more than the number of persons sit between P and L. Q sits sixth to the left of L and seventh from one of the extreme ends. L sits to the right of P. R sits second to the left of N. R sits fifth from one of the extreme ends of the row.

- (a) S
- (b) R
- (c) N
- (d) Q
- (e) T

Ans.(e)

Q67. What is the position of Q with respect to R?

Study the following information carefully to answer the given questions below:

A certain number of persons sit in a row and face north. P sits sixth to the left of T who sits immediately to the right of S. Seven persons sit between S and K. N sits fourth to the right of K. The number of persons sit between T and N is one more than the number of persons sit between P and L. Q sits sixth to the left of L and seventh from one of the extreme ends. L sits to the right of P. R sits second to the left of N. R sits fifth from one of the extreme ends of the row.

- (a) Tenth to the right
- (b) Eleventh to the right
- (c) Eleventh to the left
- (d) Immediate left
- (e) Immediate right

Ans.(c)

Q68. . How many persons sit in the row?

Study the following information carefully to answer the given questions below:

A certain number of persons sit in a row and face north. P sits sixth to the left of T who sits immediately to the right of S. Seven persons sit between S and K. N sits fourth to the right of K. The number of persons sit between T and N is one more than the number of persons sit between P and L. Q sits sixth to the left of L and seventh from one of the extreme ends. L sits to the right of P. R sits second to the left of N. R sits fifth from one of the extreme ends of the row.

- (a) 20
- (b) 22
- (c) 23
- (d) 14
- (e) 15

Ans.(b)

Q69. Statements:

All Sprite is Fanta.

Only a few Fanta is Limca.

No Limca are Pepsi.

Conclusions:

I. Some Fanta are not Pepsi.

II. All Sprite can be Pepsi.

In the 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.

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

Ans.(d)

Q70. Statements:

Some Strawberry are Dragon fruit.

Some Dragon Fruit are not Jack Fruit.

Only Jack fruit are Guava.

Conclusions:

I. Some Guava are definitely not Strawberry.

II. All Strawberry are Jackfruit

In each of the questions below are given some statements 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.

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

Ans.(a)

Q71. Statements:

Only a few Vase are Pot .

A Few Pot is Flowers.

Only Flowers are Plant.

Conclusions:

I. No Plant being Vase is a possibility.

II. All Pot can be Vase.

In each of the questions below are given some statements 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.

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

Ans.(b)

Q72. Statements:

Only Question is Written.

All Answers are Question.

No Solution is Answers.

Conclusions:

I. Some Written being Answers is a possibility.

II. No Questions are Solution.

In each of the questions below are given some statements 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.

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

Ans.(e)

Q73. If it is possible to make only one meaningful word from the 1st, 6th, 10th and 11th letters from the left end of the word "ACCOUNTABLE" using each letter only once, then what is the third letter of the word from the left end? If no such meaningful word can be formed, the answer is "Y" and if more than one such meaningful word can be formed, the answer will be "Z".

- (a) L
- (b) Y
- (c) Z
- (d) N
- (e) A

Ans.(c)

Q74. What is difference between the number of pages in Book H and the sum of the number of pages of Book K and Book I?

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

Five books- H, I, J, K and L are placed one above another in a stack, but not necessarily. Each book contains a different number of pages: 23, 35, 37, 56 and 93.

Book L contains an odd number of pages and is placed two books above Book H which is placed immediately above the book which contains 35 pages. The number of books placed above Book L is one less than the number of books placed below Book K. Book I is placed above Book H and contains prime number of pages. Book L doesn't contain 93 pages. The sum of the number of pages in Book L and Book J is equal to the number of pages in Book H.

- (a) 21
- (b) 36
- (c) 37
- (d) 35
- (e) 52

Ans.(d)

Q75. Which book is placed immediately above Book J?

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

Five books- H, I, J, K and L are placed one above another in a stack, but not necessarily. Each book contains a different number of pages: 23, 35, 37, 56 and 93.

Book L contains an odd number of pages and is placed two books above Book H which is placed immediately above the book which contains 35 pages. The number of books placed above Book L is one less than the number of books placed below Book K. Book I is placed above Book H and contains prime number of pages. Book L doesn't contain 93 pages. The sum of the number of pages in Book L and Book J is equal to the number of pages in Book H.

- (a) Book H
- (b) Book I
- (c) None of these
- (d) Book L
- (e) Book K

Ans.(e)

Q76. If all the books are arranged in reverse alphabetical order from bottom to top, then the position of how many books remain unchanged?

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

Five books- H, I, J, K and L are placed one above another in a stack, but not necessarily. Each book contains a different number of pages: 23, 35, 37, 56 and 93.

Book L contains an odd number of pages and is placed two books above Book H which is placed immediately above the book which contains 35 pages. The number of books placed above Book L is one less than the number of books placed below Book K. Book I is placed above Book H and contains prime number of pages. Book L doesn't contain 93 pages. The sum of the number of pages in Book L and Book J is equal to the number of pages in Book H.

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

Ans.(b)

Q77. As many books placed above the book which contains 35 pages as below the book which contains _____ pages.

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

Five books- H, I, J, K and L are placed one above another in a stack, but not necessarily. Each book contains a different number of pages: 23, 35, 37, 56 and 93.

Book L contains an odd number of pages and is placed two books above Book H which is placed immediately above the book which contains 35 pages. The number of books placed above Book L is one less than the number of books placed below Book K. Book I is placed above Book H and contains prime number of pages. Book L doesn't contain 93 pages. The sum of the number of pages in Book L and Book J is equal to the number of pages in Book H.

- (a) 37
- (b) 93
- (c) 56
- (d) 23
- (e) Can't be determined

Ans.(d)

Q78. Which of the following statements is/are false?

- I. Book I contains 37 pages
- II. Book H is placed immediately below Book K.
- III. More than two books are there between Book L and Book J.

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

Five books- H, I, J, K and L are placed one above another in a stack, but not necessarily. Each book contains a different number of pages: 23, 35, 37, 56 and 93.

Book L contains an odd number of pages and is placed two books above Book H which is placed immediately above the book which contains 35 pages. The number of books placed above Book L is one less than the number of books placed below Book K. Book I is placed above Book H and contains prime number of pages. Book L doesn't contain 93 pages. The sum of the number of pages in Book L and Book J is equal to the number of pages in Book H.

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

Ans.(c)

Q79. How is the child of W related to X?

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

In a family of eight persons - S, T, U, V, W, X, Y and Z there is no single parent in the three-generation family. V and U are sisters. T is the grandfather of Y. U is the daughter-in-law of T. X is the mother W who is the male member of the family. The gender of V and Y is same. S is the husband of W's sister-in-law. Z is the son of S. Y has no sibling.

- (a) Grandson
- (b) Daughter
- (c) Granddaughter
- (d) Daughter-in-law
- (e) Grandmother

Ans.(c)

Q80. How many female members are there in the family?

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

In a family of eight persons - S, T, U, V, W, X, Y and Z there is no single parent in the three-generation family. V and U are sisters. T is the grandfather of Y. U is the daughter-in-law of T. X is the mother W who is the male member of the family. The gender of V and Y is same. S is the husband of W's sister-in-law. Z is the son of S. Y has no sibling.

- (a) Six
- (b) Two
- (c) Five
- (d) Three
- (e) None of these

Ans.(e)

Q81. If Z is the husband of A, then how is A related to V?

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

In a family of eight persons - S, T, U, V, W, X, Y and Z there is no single parent in the three-generation family. V and U are sisters. T is the grandfather of Y. U is the daughter-in-law of T. X is the mother W who is the male member of the family. The gender of V and Y is same. S is the husband of W's sister-in-law. Z is the son of S. Y has no sibling.

- (a) Mother
- (b) Sister-in-law
- (c) Daughter
- (d) Daughter-in-law

(e) Grandmother

Ans.(d)

Q82. What is the position of R with respect to S?

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

Seven persons - P, Q, R, S, T, U and V sit in a linear row, but not necessarily in the same order. Some of them face north and some face south.

Immediate neighbours of U face the opposite direction to U. Same number of persons sits to left and to the right of R. T sits second to the right of V. V is not an immediate neighbour of R. More than three but less than five persons sit between V and U. Q sits fourth to the right of U. P sits second to the left of S. Both the immediate neighbours of P face the direction opposite to each other. P doesn't face south. V sits second to the left of T. R and Q face the same direction.

- (a) Third to the left
- (b) Fourth to the left
- (c) Third to the right
- (d) Fourth to the right
- (e) Immediately right

Ans.(a)

Q83. The number of persons sit between V and U is three more than the number of persons sit between ____ and ____.

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

Seven persons - P, Q, R, S, T, U and V sit in a linear row, but not necessarily in the same order. Some of them face north and some face south.

Immediate neighbours of U face the opposite direction to U. Same number of persons sits to left and to the right of R. T sits second to the right of V. V is not an immediate neighbour of R. More than three but less than five persons sit between V and U. Q sits fourth to the right of U. P sits second to the left of S. Both the immediate neighbours of P face the direction opposite to each other. P doesn't face south. V sits second to the left of T. R and Q face the same direction.

- (a) R, S
- (b) Q, P
- (c) S, T
- (d) R, P
- (e) S, P

Ans.(e)

Q84. How many persons face in the south direction in the row?

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

Seven persons - P, Q, R, S, T, U and V sit in a linear row, but not necessarily in the same order. Some of them face north and some face south.

Immediate neighbours of U face the opposite direction to U. Same number of persons sits to left and to the right of R. T sits second to the right of V. V is not an immediate neighbour of R. More than three but less than five persons sit between V and U. Q sits fourth to the right of U. P sits second to the left of S.

Both the immediate neighbours of P face the direction opposite to each other. P doesn't face south. V sits second to the left of T. R and Q face the same direction.

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

Ans.(d)

Q85. How many persons sit between V and P in the row?

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

Seven persons - P, Q, R, S, T, U and V sit in a linear row, but not necessarily in the same order. Some of them face north and some face south.

Immediate neighbours of U face the opposite direction to U. Same number of persons sits to left and to the right of R. T sits second to the right of V. V is not an immediate neighbour of R. More than three but less than five persons sit between V and U. Q sits fourth to the right of U. P sits second to the left of S. Both the immediate neighbours of P face the direction opposite to each other. P doesn't face south. V sits second to the left of T. R and Q face the same direction.

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

Ans.(c)

Q86. If R is related to Q and in the same way T is related to V then who among the following is related to U?

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

Seven persons - P, Q, R, S, T, U and V sit in a linear row, but not necessarily in the same order. Some of them face north and some face south.

Immediate neighbours of U face the opposite direction to U. Same number of persons sits to left and to the right of R. T sits second to the right of V. V is not an immediate neighbour of R. More than three but less than five persons sit between V and U. Q sits fourth to the right of U. P sits second to the left of S. Both the immediate neighbours of P face the direction opposite to each other. P doesn't face south. V sits second to the left of T. R and Q face the same direction.

- (a) S
- (b) P
- (c) Q
- (d) R
- (e) T

Ans.(d)

Q87. Find the odd-one out.

- (a) DHL
- (b) BFJ
- (c) NRV
- (d) MQU
- (e) KOR

Ans.(e)

Q88. Which of the following statement is/are true?

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

Ten persons - A, B, C, D, E, F, G, H, I and J live in a five-floor apartment building, but not necessarily in the same order. The bottommost floor is numbered as 1, the floor immediately above it is numbered as 2, and till the topmost floor is numbered as 5. There are two flats on each floor Flat M and Flat N such that Flat M is to the west of Flat N. One person lives on each floor of each flat.

Note: Flat M of floor 2 is immediately above flat M of floor 1 and immediately below flat M of floor 3. Similarly for flat N.

C lives immediately below H in Flat named N. A lives to the north of B but above D. B lives on a prime-numbered floor and three floors below J. B and J lives in different named flats. D lives immediately below J but not to the south of J. F lives to the south-east of G. As many floors are there above B as below H. I live to the South-West of C. I and F doesn't live on the same floor. E doesn't live to the south of F.

- (a) The difference between the floor numbers of E and G is 4.
- (b) A lives to the North-East of F.
- (c) B lives to the North of I.
- (d) There is two floors gap between A and I
- (e) All are true

Ans.(d)

Q89. Four of the following five are alike in a certain way and hence form a group. Who among the following does not belong to that group?

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

Ten persons - A, B, C, D, E, F, G, H, I and J live in a five-floor apartment building, but not necessarily in the same order. The bottommost floor is numbered as 1, the floor immediately above it is numbered as 2, and till the topmost floor is numbered as 5. There are two flats on each floor Flat M and Flat N such that Flat M is to the west of Flat N. One person lives on each floor of each flat.

Note: Flat M of floor 2 is immediately above flat M of floor 1 and immediately below flat M of floor 3. Similarly for flat N.

C lives immediately below H in Flat named N. A lives to the north of B but above D. B lives on a prime-numbered floor and three floors below J. B and J lives in different named flats. D lives immediately below J but not to the south of J. F lives to the south-east of G. As many floors are there above B as below H. I live to the South-West of C. I and F doesn't live on the same floor. E doesn't live to the south of F.

- (a) J
- (b) A
- (c) G

(d) C

(e) B

Ans.(e)

Q90. Who among the following persons lives three floors above E but in Flat N?

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

Ten persons - A, B, C, D, E, F, G, H, I and J live in a five-floor apartment building, but not necessarily in the same order. The bottommost floor is numbered as 1, the floor immediately above it is numbered as 2, and till the topmost floor is numbered as 5. There are two flats on each floor Flat M and Flat N such that Flat M is to the west of Flat N. One person lives on each floor of each flat.

Note: Flat M of floor 2 is immediately above flat M of floor 1 and immediately below flat M of floor 3.

Similarly for flat N.

C lives immediately below H in Flat named N. A lives to the north of B but above D. B lives on a prime-numbered floor and three floors below J. B and J lives in different named flats. D lives immediately below J but not to the south of J. F lives to the south-east of G. As many floors are there above B as below H. I live to the South-West of C. I and F doesn't live on the same floor. E doesn't live to the south of F.

(a) H

(b) D

(c) C

(d) G

(e) F

Ans.(b)

Q91. Which of the following combinations is/are correct?

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

Ten persons - A, B, C, D, E, F, G, H, I and J live in a five-floor apartment building, but not necessarily in the same order. The bottommost floor is numbered as 1, the floor immediately above it is numbered as 2, and till the topmost floor is numbered as 5. There are two flats on each floor Flat M and Flat N such that Flat M is to the west of Flat N. One person lives on each floor of each flat.

Note: Flat M of floor 2 is immediately above flat M of floor 1 and immediately below flat M of floor 3.

Similarly for flat N.

C lives immediately below H in Flat named N. A lives to the north of B but above D. B lives on a prime-numbered floor and three floors below J. B and J lives in different named flats. D lives immediately below J but not to the south of J. F lives to the south-east of G. As many floors are there above B as below H. I live to the South-West of C. I and F doesn't live on the same floor. E doesn't live to the south of F.

(a) I- Flat M, Floor 1

(b) H- Flat N, Floor 4

(c) B- Flat M, Floor 2

(d) J- Flat M, Floor 5

(e) J- Flat N, Floor 5

Ans.(d)

Q92. Who among the following person live to the South-west of B?

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

Ten persons - A, B, C, D, E, F, G, H, I and J live in a five-floor apartment building, but not necessarily in the same order. The bottommost floor is numbered as 1, the floor immediately above it is numbered as 2, and till the topmost floor is numbered as 5. There are two flats on each floor Flat M and Flat N such that Flat M is to the west of Flat N. One person lives on each floor of each flat.

Note: Flat M of floor 2 is immediately above flat M of floor 1 and immediately below flat M of floor 3. Similarly for flat N.

C lives immediately below H in Flat named N. A lives to the north of B but above D. B lives on a prime-numbered floor and three floors below J. B and J lives in different named flats. D lives immediately below J but not to the south of J. F lives to the south-east of G. As many floors are there above B as below H. I live to the South-West of C. I and F doesn't live on the same floor. E doesn't live to the south of F.

- (a) H
- (b) D
- (c) E
- (d) F
- (e) None of these

Ans.(c)

Q93. Statements:

$F > G \geq H > I \leq J = K > R$; $L < M = N \leq O < U = Q$; $R > S \geq T = U$

Conclusions:

- I. $J > M$
- II. $N \leq S$
- III. $L < K$

In this question, the relationship between different elements is shown in the statements. The statements are followed by conclusions. Study the conclusions based on the given statement and select the appropriate answer.

- (a) If only conclusion I is true
- (b) If both conclusions I and III are true
- (c) If only conclusion II is true
- (d) If both conclusions II and III are true
- (e) If either conclusion I or II is true

Ans.(b)

Q94. Statements:

$P < Q > R \leq S = W < T$; $U > W \leq X = Y < Z > L > N = M$

Conclusions:

- I. $R \leq Y$
- II. $S < M$

In this question, the relationship between different elements is shown in the statements. The statements are followed by conclusions. Study the conclusions based on the given statement and select the appropriate answer.

- (a) If only conclusion II is true
- (b) If both conclusions I and II are true
- (c) If only conclusion I is true
- (d) If neither conclusion I nor II is true
- (e) If either conclusion I or II is true

Ans.(c)

Q95. Statements:

$A < B = C < D = E$; $F \geq G > H > B$; $J > G \leq K > L > M$

Conclusions:

I. $F > D$

II. $A < K$

In this question, the relationship between different elements is shown in the statements. The statements are followed by conclusions. Study the conclusions based on the given statement and select the appropriate answer.

- (a) If only conclusion II is true
- (b) If only conclusion I is true
- (c) If either conclusion I or II is true
- (d) If neither conclusion I nor II is true
- (e) If both conclusions I and II are true

Ans.(a)

Q96. Who among the following persons was born three persons after the one who was born in the year 1983?

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

Eight persons—B, C, D, E, G, H, I and J—were born in eight different years: 1963, 1974, 1976, 1983, 1991, 1998, 2003 and 2005. Their ages are calculated taking the base year as 2023. Each person likes a different colour: Red, Blue, Green, Yellow, Black, White, Pink and Orange. All the information is not necessarily in the same order.

Age of H is a multiple of 4 but H was not born before 1991. Three persons were born between H and the one who likes Black colour. B was born immediately after the person who likes Black Colour. Two persons are born between the ones who like Black Colour and Orange Colour. More than two persons were born between D and the one who likes Orange Colour. J was born either two persons after or two persons before D. The number of persons born after J is the same as the number of persons born before G. Age of I is a multiple of 5 but doesn't like Orange Colour. Two persons were born between the ones who like Pink and Red. As many persons were born before G as after the one who likes Green Colour. C was born after J and likes White Colour. Age of the one who likes Blue Colour is a multiple of 7. Neither the youngest nor the eldest person likes Red Colour.

- (a) The one who likes Red Colour
- (b) J

(c) The one who was born immediately before the one who likes Pink Colour.

(d) D

(e) I

Ans.(c)

Q97. Who among the following persons like Green and Yellow Colour respectively?

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

Eight persons—B, C, D, E, G, H, I and J—were born in eight different years: 1963, 1974, 1976, 1983, 1991, 1998, 2003 and 2005. Their ages are calculated taking the base year as 2023. Each person likes a different colour: Red, Blue, Green, Yellow, Black, White, Pink and Orange. All the information is not necessarily in the same order.

Age of H is a multiple of 4 but H was not born before 1991. Three persons were born between H and the one who likes Black colour. B was born immediately after the person who likes Black Colour. Two persons are born between the ones who like Black Colour and Orange Colour. More than two persons were born between D and the one who likes Orange Colour. J was born either two persons after or two persons before D. The number of persons born after J is the same as the number of persons born before G. Age of I is a multiple of 5 but doesn't like Orange Colour. Two persons were born between the ones who like Pink and Red. As many persons were born before G as after the one who likes Green Colour. C was born after J and likes White Colour. Age of the one who likes Blue Colour is a multiple of 7. Neither the youngest nor the eldest person likes Red Colour.

(a) H and E

(b) I and G

(c) J and G

(d) H and J

(e) J and E

Ans.(c)

Q98. How many persons were born between E and the one who likes White colour?

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

Eight persons—B, C, D, E, G, H, I and J—were born in eight different years: 1963, 1974, 1976, 1983, 1991, 1998, 2003 and 2005. Their ages are calculated taking the base year as 2023. Each person likes a different colour: Red, Blue, Green, Yellow, Black, White, Pink and Orange. All the information is not necessarily in the same order.

Age of H is a multiple of 4 but H was not born before 1991. Three persons were born between H and the one who likes Black colour. B was born immediately after the person who likes Black Colour. Two persons are born between the ones who like Black Colour and Orange Colour. More than two persons were born between D and the one who likes Orange Colour. J was born either two persons after or two persons before D. The number of persons born after J is the same as the number of persons born before G. Age of I is a multiple of 5 but doesn't like Orange Colour. Two persons were born between the ones who like Pink and Red. As many persons were born before G as after the one who likes Green Colour. C was born after J and likes White Colour. Age of the one who likes Blue Colour is a multiple of 7. Neither the youngest nor the eldest person likes Red Colour.

(a) Three

- (b) Two
- (c) More than four
- (d) One
- (e) Four

Ans.(b)

Q99. Which among the following statement(s) is/are false?

- I. B was born in 1974.
- II. G is not 47 years old.
- III. I was born after D but before J.

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

Eight persons—B, C, D, E, G, H, I and J—were born in eight different years: 1963, 1974, 1976, 1983, 1991, 1998, 2003 and 2005. Their ages are calculated taking the base year as 2023. Each person likes a different colour: Red, Blue, Green, Yellow, Black, White, Pink and Orange. All the information is not necessarily in the same order.

Age of H is a multiple of 4 but H was not born before 1991. Three persons were born between H and the one who likes Black colour. B was born immediately after the person who likes Black Colour. Two persons are born between the ones who like Black Colour and Orange Colour. More than two persons were born between D and the one who likes Orange Colour. J was born either two persons after or two persons before D. The number of persons born after J is the same as the number of persons born before G. Age of I is a multiple of 5 but doesn't like Orange Colour. Two persons were born between the ones who like Pink and Red. As many persons were born before G as after the one who likes Green Colour. C was born after J and likes White Colour. Age of the one who likes Blue Colour is a multiple of 7. Neither the youngest nor the eldest person likes Red Colour.

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

Ans.(d)

Q100. Four of the following five pairs are alike in a certain way and hence form a group. Which among the following pair does not belong to that group?

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

Eight persons—B, C, D, E, G, H, I and J—were born in eight different years: 1963, 1974, 1976, 1983, 1991, 1998, 2003 and 2005. Their ages are calculated taking the base year as 2023. Each person likes a different colour: Red, Blue, Green, Yellow, Black, White, Pink and Orange. All the information is not necessarily in the same order.

Age of H is a multiple of 4 but H was not born before 1991. Three persons were born between H and the one who likes Black colour. B was born immediately after the person who likes Black Colour. Two persons are born between the ones who like Black Colour and Orange Colour. More than two persons were born between D and the one who likes Orange Colour. J was born either two persons after or two persons before D. The number of persons born after J is the same as the number of persons born before

G. Age of I is a multiple of 5 but doesn't like Orange Colour. Two persons were born between the ones who like Pink and Red. As many persons were born before G as after the one who likes Green Colour. C was born after J and likes White Colour. Age of the one who likes Blue Colour is a multiple of 7. Neither the youngest nor the eldest person likes Red Colour.

- (a) D – 2005 – Pink
- (b) C – 2003 – White
- (c) B – 1974 – Blue
- (d) J – 1976 - Black
- (e) E – 1983 – Orange

Ans.(d)

