

IBPS RRB Clerk Mains 2025 Quant Section Memory Based

Directions (1-5): The table given below shows the number of vehicles manufactured (car+bike) by different companies A, B, C and D. It also shows the number of vehicles (car+bike) sold and the number of cars manufactured by each company.

Companies	Number of vehicle manufactured	Vehicle sold	Car manufactured
A	640	P	320
B	1.25P	0.5P	210
C	810	360	420
D	P+192	270	120

Note: The average number of vehicles manufactured by B, C and D is 550.

Q1. Find the difference between the total number of bike manufactured by D and the total number of cars manufactured by B.

- (a) 168
- (b) 150
- (c) 164
- (d) 255
- (e) 160

Ans.(b)

Q2. The total number of bike manufactured by B is what percentage more or less than the total number of car manufactured by D?

- (a) 25
- (b) 47
- (c) 20
- (d) 10
- (e) 38

Ans.(a)

Q3. Find the ratio of the total number of vehicles manufactured by C to the total number of bikes manufactured by B.

- (a) 11:7
- (b) 19:12
- (c) 27:5
- (d) 25:24
- (e) 30:31

Ans.(c)

Q4. The total number of vehicles manufactured by F is 25% more than that of D, and the total number of bike manufactured by F is half than that of C. If the ratio of the total number of sold to unsold car manufactured by F is 4:5, then find the total number of unsold cars of F.

- (a) 268
- (b) 225
- (c) 264



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(d) 255

(e) 260

Ans.(b)

Q5. The total number of vehicles manufactured by A is how many less than the total number of bikes manufactured C, D and B together.

(a) 268

(b) 272

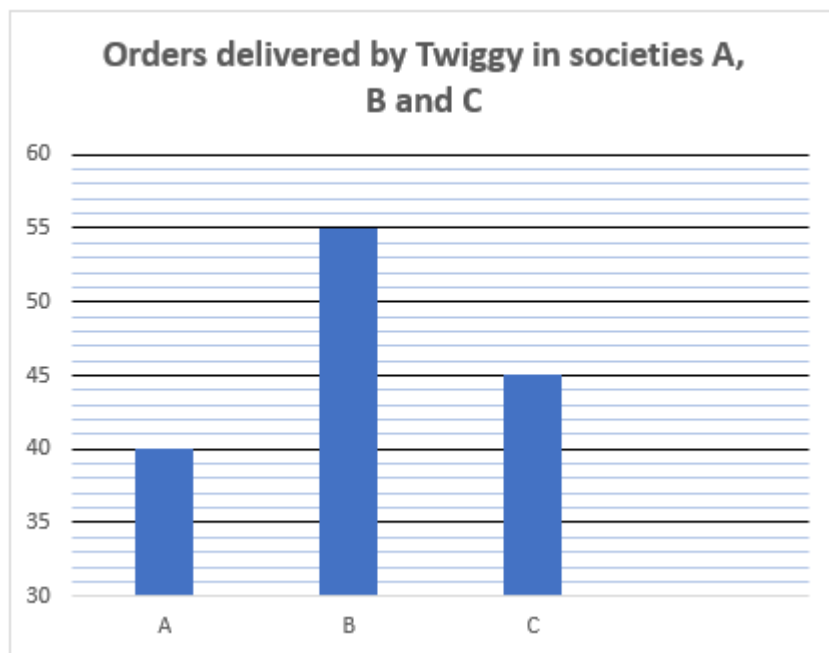
(c) 264

(d) 255

(e) 260

Ans.(e)

Directions (6-11): There are three companies Twiggy, Clickit and Xapto who deliver orders in three different societies A, B and C. The bar graph given below shows the number of orders delivered by Twiggy in societies A, B and C and the table shows the total number of orders delivered by all three companies in these societies. It also shows the ratio of orders delivered by Clickit and Xapto in the given societies.



Societies	Total orders deliver	Ratio of orders delivered by clickit and xapto
A	168	5:3
B	175	7:3
C	201	8:5

Q6. Find the ratio of orders delivered by twiggy in A and B together to orders delivered by Xapto in C.

(a) 11:7

(b) 19:12

(c) 15:11

(d) 25:24

(e) 30:31

Ans.(b)

Q7. If the order delivered by clickit in society D is 20% more than that by in A and the order delivered by clickit to twiggy delivered by D is 1:2. Find the orders delivered by twiggy in C and D.

(a) 290

(b) 237

(c) 262

(d) 255

(e) 245

Ans.(b)

Q8. Total orders delivered by clickit in C is what percentage of total orders delivered in C.

(a) 48

(b) 60

(c) 62

(d) 55

(e) 45

Ans.(a)

Q9. If the cost of delivery charge of twiggy is Rs 50, then find the total delivery charge earned by twiggy by delivering orders in all the given societies.

(a) 9000

(b) 6000

(c) 7000

(d) 5500

(e) 4500

Ans.(c)

Q10. Find the difference between orders delivered by clickit in B and C together to orders delivered by xapto in A.

(a) 130

(b) 132

(c) 162

(d) 155

(e) 145

Ans.(b)

Q11. Find the average number of orders delivered by xapto in all the given societies.

(a) 90

(b) 48

(c) 62

(d) 55

(e) 45

Ans.(b)

Q12. Find the ratio of females in January to males in February.

Read the information and answer the following questions.

A study was conducted on the number of males and females across three months January, February, and March. The number of males in January is equal to the number of males in March. The number of males in February is 265 more than the number of females in March. The total number of females across all three months combined is 480. The total number of people (males + females) in February is 620. The total number of people in January is 30 less than the total number of people in March.

(a) 25:84

(b) 87:81

(c) 15:11

(d) 25:24

(e) 30:31

Ans.(a)

Q13. Find the males in January.

Read the information and answer the following questions.

A study was conducted on the number of males and females across three months January, February, and March. The number of males in January is equal to the number of males in March. The number of males in February is 265 more than the number of females in March. The total number of females across all three months combined is 480. The total number of people (males + females) in February is 620. The total number of people in January is 30 less than the total number of people in March.

(a) 90

(b) 60

(c) 62

(d) 55

(e) CND

Ans.(e)

Q14. The number of females in January is what percentage of less than females in March.

Read the information and answer the following questions.

A study was conducted on the number of males and females across three months January, February, and March. The number of males in January is equal to the number of males in March. The number of males in February is 265 more than the number of females in March. The total number of females across all three months combined is 480. The total number of people (males + females) in February is 620. The total number of people in January is 30 less than the total number of people in March.

(a) 16.25

(b) 19.35

(c) 12.25

(d) 15.55

(e) 15.25

Ans.(b)

Q15. Find the table sold by B is what percentage of chair sold by A and B together.

Read the information and answer the following questions.

Three shops A, B, and C sold furniture (i.e. Tables and Chairs). The Tables sold by A is $\frac{1}{5}$ th of the total furniture sold by Seller B. The total furniture sold by A is 20% of the total furniture sold by all three. The total number of furniture sold by B is 2.5 times the total number of furniture sold by Seller A. The number of Chairs sold by B is 100% more than the Tables sold by A. The ratio of Chairs to Tables sold by C is 8: 3 and difference between them is 30 units.

- (a) 100
- (b) 160
- (c) 150
- (d) 250
- (e) 300

Ans.(a)

Q16. Find the ratio of chairs sold by A and C together to total furniture sold by B.

Read the information and answer the following questions.

Three shops A, B, and C sold furniture (i.e. Tables and Chairs). The Tables sold by A is $\frac{1}{5}$ th of the total furniture sold by Seller B. The total furniture sold by A is 20% of the total furniture sold by all three. The total number of furniture sold by B is 2.5 times the total number of furniture sold by Seller A. The number of Chairs sold by B is 100% more than the Tables sold by A. The ratio of Chairs to Tables sold by C is 8: 3 and difference between them is 30 units.

- (a) 11:7
- (b) 7:11
- (c) 15:11
- (d) 25:24
- (e) 30:31

Ans.(b)

Q17. If seller F, sold 25% less chairs than C, then find the difference between chairs sold by F and tables sold by B. Read the information and answer the following questions.

Three shops A, B, and C sold furniture (i.e. Tables and Chairs). The Tables sold by A is $\frac{1}{5}$ th of the total furniture sold by Seller B. The total furniture sold by A is 20% of the total furniture sold by all three. The total number of furniture sold by B is 2.5 times the total number of furniture sold by Seller A. The number of Chairs sold by B is 100% more than the Tables sold by A. The ratio of Chairs to Tables sold by C is 8: 3 and difference between them is 30 units.

- (a) 10
- (b) 16
- (c) 15
- (d) 25
- (e) 30

Ans.(e)

Q18. A and B sell a product at 200 Rs/kg and 240 Rs/kg respectively. Both have the same cost price (CP) per kg. If A sells 27 kg and earns a total profit of 1350 Rs, find the per kg profit earned by B.

- (a) 90
- (b) 60
- (c) 62
- (d) 55
- (e) 45

Ans.(a)

Q19. X is a 3-digit number and Y is a 2-digit number ending in zero. X is 36 more than Y. If the sum of the digits of X is 8, find by what percent X is more than Y?

- (a) 45
- (b) 60
- (c) 62
- (d) 55
- (e) 51

Ans.(a)

Q20. A person spends 15% of their monthly income on Education. From the remaining amount, they spend 12x on Groceries and save the rest. If the value of x is 900 and the total savings are Rs. 4,500, find the total monthly income.

- (a) 18000
- (b) 16000
- (c) 17000
- (d) 15500
- (e) 45000

Ans.(a)

Q21. B can complete a piece of work in 75 days. A starts the work and works alone for 25 days. After 25 days, B joins A, and they work together for 15 days to complete the remaining work. In how many days can A alone complete the entire work?

- (a) 40
- (b) 60
- (c) 75
- (d) 50
- (e) 30

Ans.(d)

Q22. Rahul and Karan enter into a partnership. Rahul invests Rs. x for 8 months, while Karan invests Rs. 1600 for 12 months. If Karan's profit share is Rs. 630 out of a total profit of Rs. 1470, find the value of x.

- (a) 3200
- (b) 6000
- (c) 3275
- (d) 3250

(e) 3330

Ans.(a)

Q23. A person invests Rs 6000 in Scheme A at a simple interest rate of $(x - 3)\%$ per annum and another Rs 6000 in Scheme B at a simple interest rate of $(x + 4)\%$ per annum. If the total interest earned from both schemes after 2 years is 1800, find the value of x .

(a) 2

(b) 3

(c) 5

(d) 7

(e) 10

Ans.(d)

Q24. Quantity I: $x^2 - x/3 - 2.5x + 5/6 = 0$ Find the value of m ; where m is a positive number and is double the lowest root of the given equation. Quantity II : 10

(a) Quantity I > Quantity II

(b) Quantity I < Quantity II

(c) Quantity I $\geq$ Quantity II

(d) Quantity I $\leq$ Quantity II

(e) Quantity I = Quantity II or cannot be determined

Ans.(b)

Q25. The average of three numbers A, B, and C is 65. The average of B, C, and D is 75. If the sum of A and D is 110, find the average of A, B, C, and D.

(a) 66.25

(b) 60

(c) 62.25

(d) 55.55

(e) 45.25

Ans.(a)

Q26. The ratio of a boat's upstream speed to its downstream speed is 4:5. If the boat travels 60 km upstream and 60 km downstream in a total of 9 hours, how much time will it take to travel 120 km downstream?

(a) 6

(b) 8

(c) 2

(d) 5

(e) 4

Ans.(b)

Q27. A train crosses a 450-meter long platform in 25 seconds. The same train crosses a 300-meter long platform in 20 seconds. How much time will the train take to cross a pole?

(a) 10

(b) 16

(c) 15

(d) 25

(e) 30

Ans.(a)

Q28. The ratio of the areas of three circles A, B, and C is 9:1:16. The radius of circle A is 10.5 cm. Find the difference between the circumferences of circle B and circle C.

(a) 66

(b) 60

(c) 62

(d) 55

(e) 45

Ans.(a)

Q29. In a mixture of 200 liters, milk is 160 liters more than water. 20 liters of the mixture is removed and x liters of milk is added, then the ratio of milk and water becomes 21:2. Quantity I: Find the value of (x + 2) Quantity II: 30

(a) Quantity I > Quantity II

(b) Quantity I < Quantity II

(c) Quantity I ≥ Quantity II

(d) Quantity I ≤ Quantity II

(e) Quantity I = Quantity II or cannot be determined

Ans.(b)

Q30. In a set of three numbers {24, A, 60}, the value of A is x% more than 24 and 2x% less than 60. Quantity I. Find the value of A

Quantity II. 40

(a) Quantity I > Quantity II

(b) Quantity I < Quantity II

(c) Quantity I ≥ Quantity II

(d) Quantity I ≤ Quantity II

(e) Quantity I = Quantity II or cannot be determined

Ans.(b)

Q31. $480.12 + \frac{1}{9}$ of $10.01 + \sqrt{98} = ?$

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

(a) 438

(b) 494

(c) 491

(d) 456

(e) 444

Ans.(c)

Q32. 59.92% of $119.98 + \sqrt{4490.12 \times 4.97 - 19.12 \times 7.918} = ?$

What approximate value should come in the place of (?) in the following question?

- (a) 168
- (b) 172
- (c) 164
- (d) 255
- (e) 160

Ans.(d)

Q33. $\sqrt{(39.91 \times 19.96) + (31.855 \times 5.024)} = ? - (3.95 \times 3.95)$

What approximate value should come in the place of (?) in the following question?

- (a) 28
- (b) 47
- (c) 20
- (d) 10
- (e) 38

Ans.(b)

Q34. $(119.98 \times 14.99) + (220.09 \times 3.99) = ? \times 4.908$

What approximate value should come in place of the question mark (?) in the following questions?

- (a) 536
- (b) 592
- (c) 474
- (d) 436
- (e) 388

Ans.(a)

Q35. $(40.09 \times 15.07 + 5.03^3) - ?^2 = 25.08^2$

What approximate value should come in place of the question mark (?) in the following questions?

- (a) 8
- (b) 10
- (c) 12
- (d) 14
- (e) 16

Ans.(b)

Q36. Find out the wrong number.

704, 690, 680, 665, 648, 629, 608

- (a) 680
- (b) 704
- (c) 690
- (d) 629
- (e) 608

Ans.(c)

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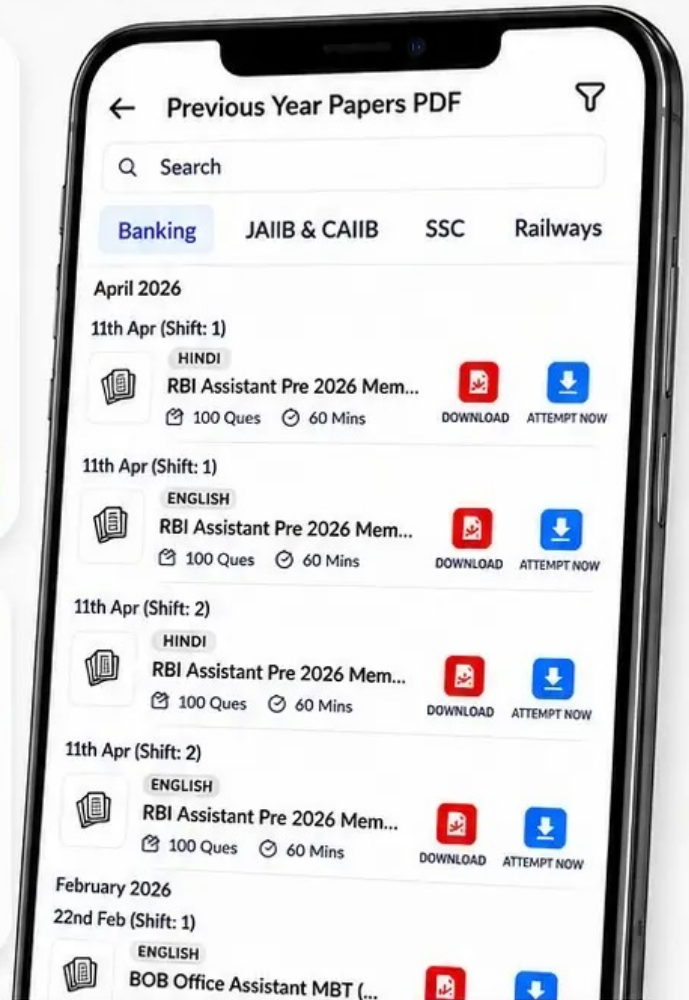
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Q37. 25, 73, 153, 273, 441, 665, 950

Find the wrong number in the following number series.

- (a) 950
- (b) 25
- (c) 441
- (d) 153
- (e) 73

Ans.(a)

Q38. 5, 12, 26, 60, 110, 222 Find the wrong number in the following number series.

- (a) 5
- (b) 12
- (c) 26
- (d) 60
- (e) 110

Ans.(d)

Q39. 32, 16, 24, 60, 220, 945 Find the wrong number in the following number series.

- (a) 945
- (b) 60
- (c) 220
- (d) 32
- (e) 24

Ans.(c)

Q40. 27, 40, 52, 66, 79, 92 Find the wrong number in the following number series.

- (a) 27
- (b) 40
- (c) 52
- (d) 66
- (e) 79

Ans.(c)