

1. On giving a discount of 25% on the MRP of an article, the trader earns a profit of 20%. If the difference between the MRP & CP of the article is 180 Rs. What is the MRP of the article? (in Rs)
A. 400 B. 480 C. 540 D. 420 E. 510
2. Diameter of a circular field is equal to the side of a square field. If the total cost of fencing the circular field is Rs 440 (@ of Rs 5 per meter), what is the perimeter of the square fields? (in metre)
A. 104 B. 116 C. 128 D. 88 E. 112
3. A boat takes 5 hrs to travel 105 km downstream. The speed of the boat in downstream is 1.4 times of the speed of the boat in upstream. What is the speed of the current? (in kmph)
A. 3 B. 4 C. 3.5 D. 2.5 E. 5
4. Ratio of milk to water in X litres of mixture is 4:1. Half of the mixture is taken out & 24 liters of water is added to remaining mixture such that quantity of milk & water in Resultant mixture become same. What is the value of X?
A. 60 litres B. 80 litres C. 100 litres D. 40 litres E. None of these
5. Difference of two sides of rectangle is 5 cm (length > breadth). Breadth of Rectangle is equal to the side of square whose area is 144 cm². Find the perimeter of rectangle.
A. 38 cm B. 17 cm C. 58 cm D. 19 cm E. None of these
6. Speed of boat in still water is 21 kmph & speed of current is 3 kmph. The boat completes round trip from A to B & then back to A in 7 hrs. Find the distance between A & B.
A. 36 km B. 48 km C. 72 km D. 84 km E. 144 km
7. Ali travels at a speed of X kmph to cover a distance of 36 km in 54 min. Shyam takes 30 mins to cover same distance. Find the difference of their speed.
A. 40 km/hr B. 24 km/hr C. 36 km/hr D. 32 km/hr E. None of these
8. Some amount is deposited at the rate of 20% compound interest per annum. Difference between interest accrued at end of 1st & 2nd year is 1200 Rs. Find the value of P?
A. 24,000 Rs. B. 30,000 Rs. C. 36,000 Rs. D. 40,000 Rs. E. None of these
9. A takes 20% more time than B and they both completes the work in $8\frac{2}{11}$ days. Find in how much time A can do the half of the work.
A. 9days B. 18days C. 12days D. 15days E. 21days

Find the wrong term in given number series.

10. 12, 15, 17, 21, 26, 32, 39
A. 12 B. 15 C. 17 D. 21 E. 26
11. 6, 7, 11, 20, 32, 61, 97
A. 11 B. 20 C. 32 D. 61 E. 97
12. 53, 5000, 250, 100, 30, 12, 6, 3.6
A. 5000 B. 250 C. 100 D. 30 E. 12
13. 120, 128, 125, 140, 130, 145, 135
A. 120 B. 128 C. 125 D. 140 E. 130
14. 1440, 240, 48, 12, 4, 3, 2
A. 48 B. 12 C. 4 D. 3 E. 2
15. In the following question two equations are given in variables X and Y. You have to solve these equations and determine relation between X and Y.
I. $x^2 + 5x + 4 = 0$
II. $y^2 + 4y + 3 = 0$

- A. If $X > Y$ B. If $X < Y$ C. If $X \geq Y$ D. If $X \leq Y$ E. If $X=Y$ or No relation can be established
16. In the following question two equations are given in variables X and Y. You have to solve these equations and determine relation between X and Y.
I. $(x - 9)^2 = 0$
II. $Y = \sqrt{81}$
A. $X > Y$ B. $X < Y$ C. $X \geq Y$ D. $X \leq Y$ E. $X=Y$ or No relation can be established
17. In the following question two equations are given in variables X and Y. You have to solve these equations and determine relation between X and Y.
I. $6x^2 + 5x + 1 = 0$
II. $15y^2 + 8y + 1 = 0$
A. If $X > Y$ B. If $X < Y$ C. If $X \leq Y$ D. If $X \geq Y$ E. If $X=Y$ or No relation can be established
18. In the following question two equations are given in variables X and Y. You have to solve these equations and determine relation between X and Y.
I. $x^2 - 7x + 10 = 0$
II. $y^2 - 5y + 6 = 0$
A. If $X > Y$ B. If $X < Y$ C. If $X \geq Y$ D. If $X \leq Y$ E. If $X=Y$ or No relation can be established
19. In the following question two equations are given in variables X and Y. You have to solve these equations and determine relation between X and Y.
I. $x + 18 = 32$
II. $y^2 = 196$
A. If $X > Y$ B. If $X < Y$ C. If $X \geq Y$ D. If $X \leq Y$ E. If $X=Y$ or No relation can be established

Read carefully the following data carefully and answer the following Questions. Number of pen sold by four stores A, B, C and D the on 5 different days of the week from Monday to Friday is given in the table.

DAY	A	B	C	D
MON	27	33	21	9
TUE	32	31	28	29
WED	38	50	34	16
THU	16	26	15	13
FRI	36	45	20	24

20. On Friday, out of total number of pen sold by stores B, C and D, 20%, 15% and 75% respectively were of brand X, what is the total number of pen of brand X sold by stores B, C and D together on Friday?
A. 50 B. 20 C. 40 D. 42 E. 30
21. Find the Average number of pens sold by store A on Monday, Tuesday and Thursday.

- A. 35 B. 30 C. 25 D. 28 E. 32
22. What is the ratio between the total number of pen sold by stores B, C and D together on Monday and that sold by the same stores on Thursday?
A. 5 : 7 B. 7 : 6 C. 4 : 7 D. 7 : 5 E. 6 : 5
23. On Saturday the number of pen sold by store A was $\frac{5}{9}$ th of that sold on Friday by the same store. What was the number of pen sold by store A on Saturday?
A. 10 B. 15 C. 20 D. 25 E. 23
24. What is the difference between number of pen sold by store A on Wednesday and the total number of pen sold by stores C and D on the same day?
A. 10 B. 15 C. 12 D. 14 E. 16

