

APTITUDE QUIZ

Q1. In a factory men, women and children were employed in the ratio 8 : 5 : 1 to finish a job and their individual wages were in the ratio 5 : 2 : 3. Total daily wages of factory amounts to Rs. 318. Find the total daily wages paid to each category.

- (a) Rs. 240, Rs. 60, Rs. 18
- (b) Rs. 210, Rs. 70, Rs. 38
- (c) Rs. 190, Rs. 95, Rs. 33
- (d) Rs. 220, Rs. 68, Rs. 30
- (e) None of these

Q2. One year ago the ratio between Laxman's and Gopal's salary was 3 : 4. The ratios of their individual salaries between last year's and this year's salaries are 4 : 5 and 2 : 3 respectively. At present the total of their salary is Rs. 4160. The salary of Laxman, now is:

- (a) Rs. 1040
- (b) Rs. 1600
- (c) Rs. 2560
- (d) Rs. 3120
- (e) Rs. 4210

Q3. Sohan spends 23% of an amount of money on an insurance policy, 33% on food, 19% on children's education and 16% on recreation. He deposits the remaining amount of Rs. 504 in bank. How much amount does he spend on food and insurance policy together?

- (a) Rs. 3200
- (b) Rs. 3126
- (c) Rs. 3136
- (d) Rs. 3048
- (e) Rs. 4045

Q4. The marked price of a radio set is Rs. 480. The shopkeeper allows a discount of 10% and gain 8%. If no discount is allowed, his gain percent would be:

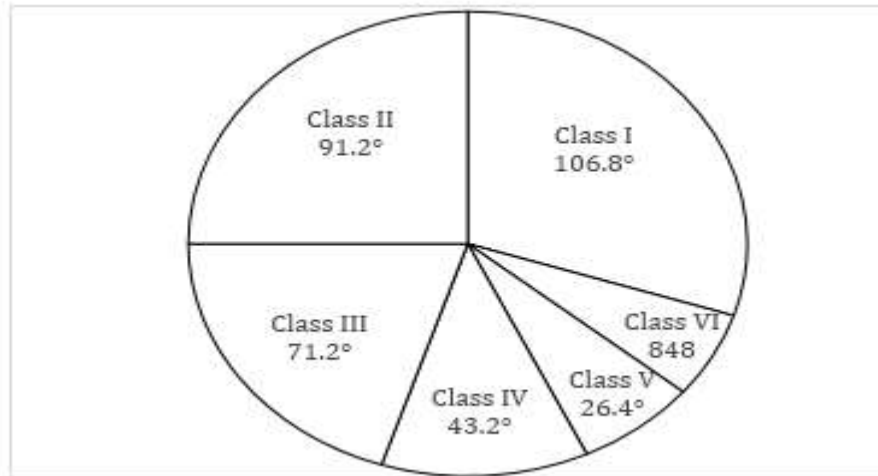
- (a) 25%
- (b) 18%
- (c) 18.5%
- (d) 20%
- (e) 30%

Q5. Rahul bought two cycles for a total sum of Rs. 1,500. He sold one cycle at 20% loss and the other cycle at 20% gain. If the selling price of both the cycles is the same, find the cost price of the two cycles.

- (a) Rs. 750 each
- (b) Rs. 550, Rs. 950
- (c) Rs. 500, Rs. 1000
- (d) Rs. 600, Rs. 900
- (e) None of these

Directions (6-10): The following pie-chart shows the distribution of chocolate (in degree) among children of different classes of Bal Bharti School. Study the chart carefully to answer the following questions.

Note: Some data are in degree while some data are in absolute value in the following chart.



Q6. Total no. of chocolates distributed among class V students is what percent of total chocolates distributed among class VI students (approximately)?

- (a) 140%
- (b) 125%
- (c) 145%
- (d) 120%
- (e) 155%

Q7. If ratio of boys to girls in class I be 3 : 1 and each student get two chocolate then how many boys are there in class I who got Chocolates?

- (a) 1402
- (b) 1206
- (c) 1602
- (d) 1802
- (e) 1600

Q8. What is the average no. of Chocolates distributed among students of class II and III together?

- (a) 4210
- (b) 4280
- (d) 3248
- (e) 3642

(c) 3036

Q9. Total Chocolates distributed among students of class II and class IV together is what percent more or less than the total no. of chocolates distributed among students of class VI and I together?

- (a) 5% less
- (b) 5% more
- (c) 25% more
- (d) 10% more
- (e) 10% less

Q10. What is the difference between total chocolates distributed among students of class I, II and VI together and total chocolates distributed among students of class III, IV and V together?

- (a) 2,136
- (b) 4,236
- (c) 4,136
- (d) 4,436
- (e) 3,136

Directions (11-15): What will come in place of question mark (?) in the following number series?

Q11. 1, 5, 29, 209, ?, 20789

- (a) 2223
- (b) 1889
- (c) 1771
- (d) 1828
- (e) 2148

Q12. 71, 88, 113, 150, 203, ?

- (a) 412
- (b) 328
- (c) 276
- (d) 282

(e) 316

Q13. 359, 437, 523, 615, 711, ?

(a) 809

(b) 812

(c) 936

(d) 984

(e) 778

Q14. 3, 5, 17, 97, 769, ?

(a) 9217

(b) 4609

(c) 6145

(d) 7681

(e) 7679

Q15. 15.5, 29, 56, 96.5, 150.5, ?

(a) 238

(b) 252

(c) 312

(d) 328

(e) 218

ANSWERS

1. A

2. B

3. C

4. D

5. D

6. B

7. C

8. D

9. B

10. E

11. B

12. C

13. A

14. D

15. E

