APTITUDE QUIZ

Q1. The diameter of a cycle wheel is 70 cm. A cyclist takes 30 hrs to reach a destination at the speed of 22 km/h. How many revolutions will the wheel make during this journey?

(a) 3 million

(b) 3 lakhs

(c) 4 lakhs

(d) 4 million

(e) 6 lakhs

Q2. Richa calculates her profit percentage on the selling price whereas Rinku calculates his profit percentage on the cost price. They find that the difference of their profits is Rs. 275. If the selling price of both are the same and Richa gets 25% profit and Rinku gets 15% profit, then find their selling price.

(a) Rs. 2100

(b) Rs. 2350

(c) Rs. 2250

(d) Rs. 2300

(e) None of these

Q3. A trader sells an article at a loss of 8%, but when he increases the selling price of the article by Rs. 164 he earns a profit of 2.25% on the cost price. If he sells the same article at Rs. 1760, what is his profit percentage.

(a) 8%

(b) 10%

(c) 7%

(d) 9%

(e) 12%

Q4. A manufacturer sells a pair of glasses to a wholesale dealer at a profit of 18%. The wholesale dealer sells the same to a retailer at a profit of 20%. The retailer in turns sells them to a customer for Rs. 30.09 there by earning a profit of 25%. The cost price for the manufacturer is

(a) Rs. 18

(b) Rs. 17

(c) Rs. 16

(d) Rs. 15

(e) None of these

Q5. A train leaves the station 3/2 hours before the scheduled time. The driver decreases its speed by 80 km/hr. At the next station 240 km away, the train reached on time. Find the original speed of the train.

(a) 180 km/hr

(b) 160 km/hr

(c) 200 km/hr

(d) 120 km/hr

(e) 140 km/hr

Directions (6-10): What should come in place of the question mark (?) in the following number series.

Q6. 325, 314, 292, 259, 215, ?

(a) 126

(b) 116

(c) 130

(d) 160

(e) 180

Q7. 45, 46, 70, 141, ?, 1061.5

(a) 353

(b) 353.5

(c) 352.5

(d) 352

(e) 35.25

Q8. 620, 632, 608, 644, 596, ?

(a) 536

(b) 556

(c) 656

(d) 646

(e) 456

Q9. 15, 25, 40, 60, ?, 115

(a) 115

(b) 130

(c) 105

(d) 120

(e) 85

Q10. 120, 320, ?, 2070, 5195, 13007.5

(a) 800

(b) 920

(c) 850

(d) 900

(e) 820

Directions (11-15): Read the following table carefully and answer the questions given below it.

Amount invested by five different companies during five different months (in Rs. lakh)

Company Month	Vodafone	Airtel	Idea	Reliance	BSNL
August	162	266	262	324	331
September	282	162	266	274	232
October	285	195	255	215	180
November	232	260	218	195	208
December	186	220	164	260	272

Q11. What is the difference between the total investment made by company Airtel and company Reliance in all over the months together?

(a) Rs. 105 lakhs

(b) Rs. 115 lakhs

(c) Rs. 125 lakhs

(d) Rs. 165 lakhs

(e) Rs. 150 lakhs

Q12. What is the average investment by Idea during all the months?

(a) Rs. 125 lakhs

(b) Rs. 175 lakhs

(c) Rs. 200 lakhs

(d) Rs. 225 lakhs

(e) Rs. 233 lakhs

Q13. What is the difference between the total investment made by all companies in August and that in October.

(a) Rs. 245 lakhs

(b) Rs. 235 lakhs

(c) Rs. 225 lakhs

(d) Rs. 215 lakhs

(e) None of these

Q14. What is the average investment made by company BSNL during all the months?

(a) Rs. 254.6 lakh

(b) Rs. 244.6 lakh

(c) Rs. 234.6 lakh

(d) Rs. 224.6 lakh

(e) None of these

Q15. By what percent approximately is the investment made by Idea in August more than that by company Vodafone in the same month?

(a) 21%

(b) 42%

(c) 82%

(d) 58%

(e) 62%

ANSWERS

1. B

2. D

3. B

4. B

5. D

6. D

7. B

8. C

9. E

10. E

11. D

12. E

13. D

14. B

15. E