

## **APTITUDE QUIZ**

### **Aptitude Test Sample Questions and Answers**

**Q.1. A man swims 12 km downstream and 10 km upstream. If he takes 2 hours each time, what is the speed of the stream?**

- (A) 1 km/hr
- (B) 0.5 km/hr
- (C) 1.5 km/hr
- (D) 0.7 km/hr

**Q.2. In how many years the simple interest on Rs. 6000 at 10% rate of interest S.I will become Rs. 2000?**

- (A) 3 months
- (B) 3.5 months
- (C) 4 months
- (D) 4.5 months

**Q.3. In what time Rs. 6000 will give interest of Rs. 720 at the rate of 6% p.a. S.I.?**

- (A) 1.5 years
- (B) 2 years
- (C) 2.5 years

(D) 3 years

**Q.4. A jogger is running at a speed of 15 km/hr. In what time he will cross a track of length 400 meters?**

(A) 96 sec

(B) 100 sec

(C) 104 sec

(D) 110 sec

**Q.5. The number of employees is reduced in the ratio 3: 2 and the salary of each employee are increased in the ratio 4: 5. By doing so, the company saves Rs. 12000. What was the initial expenditure on the salary?**

(A) 62000

(B) 60000

(C) 50000

(D) 72000

**Q.6. The ratio of income of two workers A and B are 3: 4. The ratio of expenditure of A and B is 2: 3 and each saves Rs 200.**

**Find the income of A and B.**

(A) 500, 600

(B) 600, 800

(C) 600, 900

(D) 800, 1000

**Q.7. The day on 5th April of a year will be the same day on 5th of which month of the same year?**

(A) 5th July

(B) 5th August

(C) 5th June

(D) 5th October

**Q.8. What is the HCF of 1095 and 1168?**

(A) 37

(B) 73

(C) 43

(D) 83

**Q.9. A shopkeeper bought a watch for Rs. 1200. At what price should he sell the watch to earn a profit of 25% ?**

(A) Rs. 1400

(B) Rs. 1450

(C) Rs. 1500

(D) Rs. 1550

**Q.10. A train overtakes two persons who are walking in the same direction in which the train is going, at the rate of 2 kmph and 4**

**kmph and passes them completely in 9 and 10 seconds**

**respectively. The length of the train is:**

- (A) 45 m
- (B) 50 m
- (C) 54 m
- (D) 72 m

**Q.11. Two stations A and B are 110 km apart on a straight line. One train starts from A at 7 a.m. and travels towards B at 20 kmph. Another train starts from B at 8 a.m. and travels towards A at a speed of 25 kmph. At what time will they meet?**

- (A) 9 a.m.
- (B) 10 a.m.
- (C) 10.30 a.m.
- (D) 11. a.m.

**Q.12. Robert is travelling on his cycle and has calculated to reach point A at 2 P.M. if he travels at 10 kmph, he will reach there at 12 noon if he travels at 15 kmph. At what speed must he travel to reach A at 1 P.M.?**

- (A) 8 kmph
- (B) 11 kmph
- (C) 12 kmph

(D) 14 kmph

**Q.13. A farmer travelled a distance of 61 km in 9 hours. He travelled partly on foot @ 4 km/hr and partly on bicycle @ 9 km/hr. The distance travelled on foot is:**

(A) 14 km

(B) 15 km

(C) 16 km

(D) 17 km

**Q.14. A and B can do a work in 8 days, B and C can do the same work in 12 days. A, B and C together can finish it in 6 days. A and C together will do it in :**

(A) 4 days

(B) 6 days

(C) 8 days

(D) 12 days

**Q.15. The cost price of 20 articles is the same as the selling price of x articles. If the profit is 25%, then the value of x is:**

(A) 15

(B) 16

(C) 18

(D) 25

**Q.16. A vendor bought toffees at 6 for a rupee. How many for a rupee must he sell to gain 20%?**

- (A) 3
- (B) 4
- (C) 5
- (D) 6

**Q.17. Three partners shared the profit in a business in the ratio 5 : 7 : 8. They had partnered for 14 months, 8 months and 7 months respectively. What was the ratio of their investments?**

- (A) 5 : 7 : 8
- (B) 20 : 49 : 64
- (C) 38 : 28 : 21
- (D) None of these

**Q.18. If  $A = x\%$  of  $y$  and  $B = y\%$  of  $x$ , then which of the following is true?**

- (A) A is smaller than B.
- (B) A is greater than B
- (C) Relationship between A and B cannot be determined.
- (D) If  $x$  is smaller than  $y$ , then A is greater than B.
- (E) None of these

**Q.19. What least number must be added to 1056, so that the sum is completely divisible by 23 ?**

- (A) 2
- (B) 3
- (C) 18
- (D) 21
- (E) None of these

**Q.20. How many of the following numbers are divisible by 132 ?**

**264, 396, 462, 792, 968, 2178, 5184, 6336**

- (A) 4
- (B) 5
- (C) 6
- (D) 7

**ANSWERS**

**1.B**

**2.A**

**3.B**

**4.A**

**5.D**

**6.C**

**7.A**

**8.B**

**9.C**

**10.B**

**11.B**

**12.C**

**13.C**

**14.C**

**15.B**

**16.C**

**17.B**

**18.E**

**19.A**

**20.A**