# APTITUDE QUIZ

**Q.1.If 20 men working 8 hours per day can complete a piece of work in 21 days. How many hours per day must 48 men work to complete the same job in 7 days?**

(A) 12
(B) 20
(C) 10
(D) 15

**Q.2.A shop keeper earns a profit of 12% on selling a book at 10% discount on the printed price. The ratio of cost price to the printed price of the book is**

(A) 45:56
(B) 50: 61
(C) 99: 125
(D) None of these

**Q.3. 5% more is gained by selling a watch for Rs. 350 than by selling it for Rs. 340. The cost price of the watch is**

(A) Rs. 110
(B) Rs. 140
(C) Rs. 200
(D) Rs. 250

**Q.4.It takes eight hours for a 600 km journey, if 120 km is done by train and the rest by car. It takes 20 minutes more, if 200 km is done by train and the rest by car. The ratio of the speed of the train to that of the car is:**

(A) 3:5
(B) 3:4
(C) 4: 3
(D) 4: 5

**Q.5.If m + n = 1, then the value of m3 + n3 + 3mn is equal to**

(A) 0

(B) 1

(C) 2

(D) 3

**Q.6. A and B together can do a piece of work in 12 days while A alone can do the same work in 30 days. B alone can do it in**

(A) 18 days

(B) 20 days

(C) 15 days

(D) 22 days

**Q.7.A watch is listed for Rs.230 and is sold at a discount of 12%, then the sale price of the watch is**

(A) Rs.27.6

(B) Rs.276

(C) Rs.202.4

(D) Rs.257.6

**Q.8.The profit (in Rs.) after selling an article for Rs.524 is the same as the loss (in Rs.) after selling it for Rs.452. The cost price of the article is:**

(A) Rs.480

(B) Rs.485

(C) Rs.488

(D) Rs.500

**Q.9.How long does a train, 75 m long, moving at 60 km/hr take to pass a certain telegraph post?**

(A) 3.5 seconds

(B) 4.5 seconds

(C) 5 seconds

(D) 5.4 seconds

**Q.10.The point equidistant from the vertices of a triangle is called its**

(A) incentre

(B) circumcentre

(C) orthocentre

(D) centroid

**Q.11. What is the greatest possible length which can be used to measure exactly the lengths 8 m, 4 m 20 cm and 12 m 20 cm?**

(A) 10 cm

(B) 30 cm

(C) 25 cm

(D) 20 cm

**Q.12. N is the greatest number which divides 1305, 4665 and 6905 and gives the same remainder in each case. What is the sum of the digits in N?**

(A) 4

(B) 3

(C) 6

(D) 5

**Q.13. A, B and C start at the same time in the same direction to run around a circular stadium. A completes a round in 252 seconds, B in 308 seconds and C in 198 seconds, all starting at the same point. After what time will they again at the starting point ?**

(A) 36 minutes 22 seconds

(B) 46 minutes 22 seconds

(C) 36 minutes 12 seconds

(D) 46 minutes 12 seconds

**Q.14. What is the HCF of 2.04, 0.24 and 0.8 ?**

(A) 1

(B) 2

(C) 0.02

(D) 0.04

**Q.15. Three numbers which are co-prime to each other are such that the product of the first two is 119 and that of the last two is 391. What is the sum of the three numbers?**

(A) 47

(B) 43

(C) 53

(D) 51

**Q.16. The product of two numbers is 2028 and their HCF is 13. What are the number of such pairs?**

(A) 4

(B) 3

(C) 2

(D) 1

**Q.17. A boy divided the numbers 7654, 8506 and 9997 by a certain largest number and he gets same remainder in each case. What is the common remainder?**

(A) 156

(B) 199

(C) 211

(D) 231

**Q.18. What is the greatest number which on dividing 1223 and 2351 leaves remainders 90 and 85 respectively?**

(A) 1133

(B) 127

(C) 42

(D) 1100

**Q.19. If HCF of two numbers is 11 and the product of these numbers is 363, what is the the greater number?**
(A) 9
(B) 22
(C) 33
(D) 11

**Q.20. What is the least multiple of 7 which leaves a remainder of 4 when divided by 6, 9, 15 and 18 ?**
(A) 364
(B) 350
(C) 343
(D) 371

**ANSWERS**

**1. C**

**2. A**

**3. C**

**4. B**

**5. B**

**6. B**

**7. C**

**8. C**

**9. B**

10. B

11. D

12. A

13. D

14. D

15. A

16. C

17. B

18. A

19. C

20. A