1. SQRT (156.25) * SQRT (14.25) = 35 * X what is the value of X? X = 1.25

2. A + 8450 ÷ 650 = 13 + A. What is the value of A? A = 0

3. The sum of a number whose ? th is 45. What is the number? Ans: None

4. The sum of a 2 digit number is equal to the difference between them. Find how many such numbers are possible? Ans: 10

5. The sum of a 2 digit number is equal to twice the difference between them. Find how many such numbers are possible?

6. 1000.01 – 100.01 – 10.01 = X. what is X? X = 889.99

7. 0.25% of 10 – 10% of 0.25 = 25% of 100 – 100% of X. What is X? X = 25

8. One – fifth of two – third of a number is equal to 24. What is the number?

9. 100$8 – 2$39 = $319. What is $? $ = None of these

10. Ajith and Ajay's age are in the ratio of 3:5. Two years hence, their age are in the ratio 7:11. What is Ajith's present age? Ajith's age = 12.

11. The length of a train is 200m and it crosses a platform of 75m in 15sec. Another train with a length of 180m which is on the opposite direction approaches it. How long it will take to cross the other?

12. (X) – Square, % - Square root, # - Divide, * - Multiply, @ - addition and & - Subtraction. Find the value of (4)#4%4*4@4

13. Solve 30 – 0.05 *20 +10÷ 5 =?

14. A circle of diameter 28 cm. If there is a rectangle of length 56 cm. What is the value of breadth whose areas are equal? Breadth = 44cm

15. A wheel rotates 18 revolutions in 4.5 sec. What are the revolutions of the wheel per minute? Revolutions = 240

16. Solve: 20% of 60%of a number is equal to 40% of 200. What is the number?

17. 252 x 253 =? 252 + 3

18. Series: 5 5 7.5 15 37.5 112.5 339.75 X

19. Trisha's monthly salary is 25% more than Krishna's salary but 25% less than Payal's salary. Krishna's annual income is Rs. 1, 20, 000. What is the monthly income of Payal?

20. There is a seven consecutive odd numbers. What is the number greater than 6 and it is smaller than 6?