**1**. two trains are coming in the opposite direction each at a speed of 60 kmph, now a fly on one train moves towards the other with a speed of 80kmph, how much distance will it cover before it is crushed.?

**2**. a man walks at 40kmph and reaches the distance in 10 min less than that of usual . by walking at 60 kmph he reaches 10 minutes earlier. the distance covered by him is.?

**3.** The ratio of two numbers is 2/3, and if a 1 is subtracted from the numerator and a 1 is added to the remainder the ratio becomes 1/2, then the numbers are.?

**4**. a pizza which is thin is cut into 'x' pieces by 4 straight lines then the lowest possible value of x is?

**5.** The number 50 is divided into two equal parts, the ratio of the largest part to the smallest is 2/3, then the largest part is?

**6**. If x and y are multiples of 2 then which are all the multiples of 2

1) x\*y   2)x^y    3) x+y   4) x-Y    5) x/y

**7.** What is the first letter of the direction that is to the left of direction in which sun rises?

**8**. If 35 people play hockey and 10 people play both football and hockey and if 10 people play hockey and cricket and 5 people play all three games then the number of people playing hockey alone is?

**9.** How many number of weights do u need to weigh 31 kg of rice if u have only one 1kg weights stone ?

a. 30.   b. 31.   c.5.    d.4.

**10**. an article whose initial cost is Rs 400 is subjected for discounts of 25%, 15%, and 40% what is the amount the customer have to pay?

**11**. Find the missing number: 2, 4, 6, 8, 10, 12?

**12**. Chennai, punjab, nagpur, calcutta, mumbai (odd man out)

**13**. North, south, here, then, there(odd man out)

**14**. When is for where, time is for space

**15**. What is essential for man to survive? (food)

**16.** Beautiful is for 012345678 9 and a code for similar word containing the same alphabets

**17**. 3 hours for 120 miles then 315 miles? 7 7/8

**18.** Rope of length 35m is cut in to two parts. One is 2/5 of the original length what is longest ropes length.

**19**. What is the max no. If the sum of two consecutive digits is 55?

**20**. Find the missing number : 0, 6, 29, 63,124?