IEM KOLKATA

PERCENTAGE

Instructor: Akash Bhattacharya

Q1) In a class, 15% of total number of students failed in Science, 25% of total number of students failed in Maths and 10% of total number of students failed in both. How much percentage of students passed in both Maths and Science?

Q2) By 20% decrease in the price of rice, people can buy 10 kg more rice in ₹100. What is the original price of 1 kg of rice?

Q3) In an election which was contested by 2 candidates, one candidate got 40% of total votes and yet lost by 1000 votes. What was the total number of votes cast in the election?

Q4) In a country, 55% of the population is female. 80% of the male population is literate. How many of the females are literate if total literacy is 58%?

Q5) If 20% of an electricity bill is deducted, then ₹100 is still to be paid. How much was the original bill?

Q6) A's salary is 50% more than B's. How much percent is B's salary less than A's?

Q7) Two numbers are less than a third number by 30% and 37% respectively. How much percent is the second number less than the first?

Q8) 10% of inhabitants of a village having died of cholera, a panic set in, during which 25% of the remaining inhabitants left the village. The population is then reduced to 4050. The number of inhabitants originally was?

Q9) The population of a district is 362000, out of which 181000 are males, 47% of the population is literate. If 35% males are literates, then what percentage of females are literate?
(a) 58% (b) 61% (c) 59% (d) 62%