Q.16) In an election between two candidates, one got 60% of total valid votes, 20% of the votes are invalid. If winning candidate win by 7500 votes then total number of invalid votes

a) 3,125
b) 6,250
c) 9,375
d) 12,500

Q.17) Two boys Ram and Rohan are throwing stones at a lamppost. Firstly Ram throws a stone then Rohan. They are throwing stones in succession. The probabilities of Ram's throw hits the target is 0.4 while the probability of Rohan's throw hit the target is 0.2. Rohan throw the stone only if the Ram misses the lamp post. The probability that the Lamp post is hit by the Rohan, is

a) 0.06
b) 0.23
c) 0.32
d) 0.7

Q.18) On selling 17 bedsheets at Rs. 720, there is a loss equal to the cost price of 5 bedsheets. The cost price of a bedsheet is:

a) Rs. 45
b) Rs. 50
c) Rs. 55
d) Rs. 60

Q.19) A trader mixes 26 kg of potato at Rs. 20 per kg with 30 kg of potato of other variety at Rs. 36 per kg and sells the mixture at Rs. 30 per kg. His profit percent is:

a) No profit, no loss
b) 5%

c) 8%
d) 10%

Q.20) Find out the wrong number in the series.

8, 26, 77, 242, 728, 2186

a) 8
b) 242
c) 77
d) 728

Q.21) A milk vendor has 2 cans of milk. The first contains 25% water and the rest milk. The second contains 50% water. How much milk should he mix from each of the containers so as to get 12 litres of milk such that the ratio of water to milk is 3 : 5?

a) 4 litres, 8 litres
b) 6 litres, 6 litres
c) 5 litres, 7 litres
d) 7 litres, 5 litres

Q.22) 8 litres are drawn from a cask full of lemon juice and is then filled with water. This operation is performed three more times. The ratio of the quantity of lemon juice now left in cask to that of water is 16 : 65. How much lemon juice did the cask hold originally?

a) 18 litres
b) 24 litres
c) 32 litres
d) 42 litres