

**Deccan Education Society's
Fergusson College (Autonomous), Pune
M.Sc. (Computer Application)**

**Entrance Examination
Sample Question Paper**

- 1) A father said to his son, "I was as old as you are at the present at the time of your birth". If the father's age is 38 years now, the son's age five years back was:
a) 14 years b) 19 years c) 33 years d) 38 years

- 2) From her school, Meenu walks 20 meters towards north. She then turns left and walks 40 meters. She again turns left and walks 20 meters. Further she moves 20 meters after turning to the right. How far is she from her original position?
a) 20 m b) 30m c) 50m d) 60m

- 3) Find the one which does not belong to that group?
a) 41 b) 53 c) 47 d) 57

- 4) What comes at the place of question mark
10, 5, 13, 10, 16, 20, 19... ?
a) 22 b) 40 c) 38 d) 23

- 5) Ratio between two numbers is 3: 4 and their sum is 420. Find the smaller number?
a) 240 b) 180 c) 160 d) 140

- 6) A man has Rs. 480 in the denominations of one-rupee notes, five-rupee notes and ten-rupee notes. The number of notes of each denomination is equal. What is the total number of notes that he has?
a) 45 b) 60 c) 75 d) 90

- 7) Twice the speed of a boat downstream is equal to thrice the speed upstream. The ratio of its speed in still water to the speed of current is:
a) 1:5 b) 1:3 c) 5:1 d) 2:3

- 8) In a class, 50 students play cricket, 20 students play football and 10 play both cricket and football. How many play at least one of these two games?
a) 10 b) 80 c) 50 d) 60
- 9) A shopkeeper sells some toys at Rs. 250 each. What percent profit does he make? To find the answer, which of the following information given in Statements I and II is/are necessary?
I. Number of toys sold.
II. Cost price of each toy.
a) Only I is necessary b) Only II is necessary
c) Both I and II are necessary d) Either I or II is necessary
- 10) If Rs.7500 is borrowed at Compound Interest at the rate of 4% per annum, then after 2 years the amount to be paid is?
a) Rs 8082 b) Rs7800 c) Rs8100 d) Rs8112
- 11) The cost price of 20 articles is the same as the selling price of x articles. If the profit is 25%, then the value of x is:
a) 15 b) 16 c) 18 d) 25
- 12) Four milkmen rented a pasture. A grazed 24 cows for 3 months, B 10 cows for 5 months, C 35 cows for 4 months and D 21 cows for 3 months. If A's share of rent is Rs.720, find the total rent of the field.
a) Rs.3250 b) Rs.3350 c) Rs.3450 d) Rs.3550
- 13) It was Sunday on Jan 1, 2006. What was the day of the week Jan 1, 2010?
a) Sunday b) Saturday c) Friday d) Wednesday
- 14) Today is Monday. After 61 days, it will be:
a) Wednesday b) Saturday c) Tuesday d) Thursday
- 15) How many of the following numbers are divisible by 132?
264, 396, 462, 792, 968, 2178, 5184, 6336

