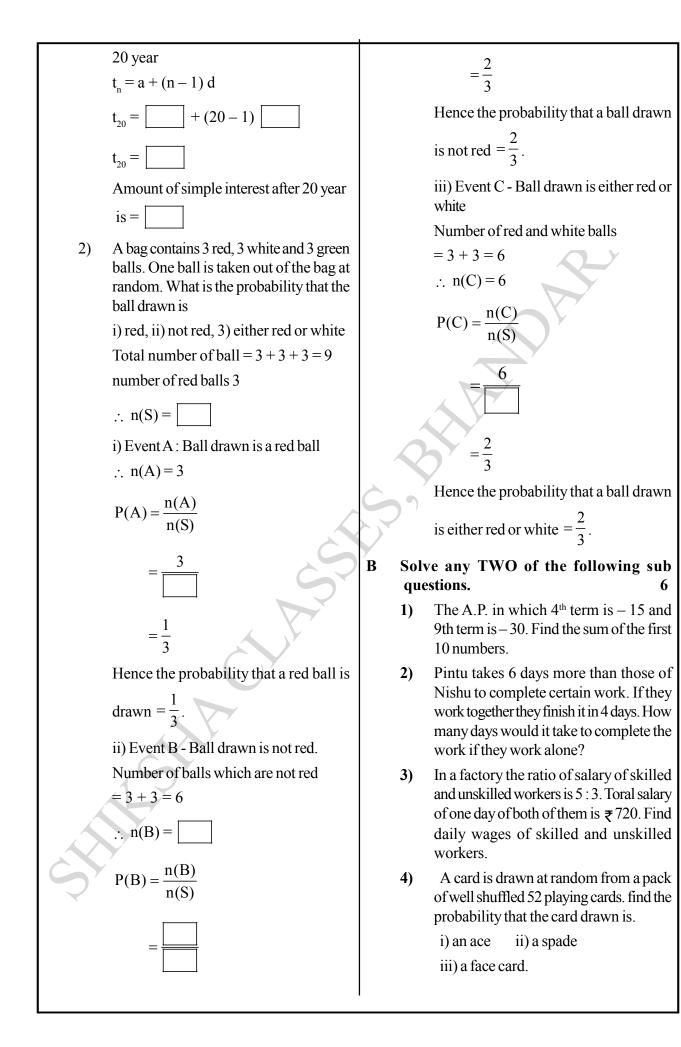


Image: the system of the system of the following subquestions.B.Solve any Four of the following using formula method
$$subquestions.$$
8Image: the system of the following using formula method
 $subquestions.$ Solve the following using formula method
 $subquestions.$ 8Image: the system of the following using formula method
 $subquestions.$ Solve the following using formula method
 $subquestions.$ 8Image: the system of the following using formula method
 $subquestions.$ Solve the following using formula method
 $subquestions.$ 8Image: the system of the following using formula method
 $subquestions.$ Image: the following using formula method
 $subquestions.$ 9Image: the system of the following using formula method
 $subquestions.$ Image: the following using formula method
 $subquestions.$ 9Image: the system of the following using formula method
 $subquestions.$ Image: the following using formula method
 $subquestions.$ 9Image: the system of the following using formula method
 $subquestions.$ Image: the following using formula method
 $subquestions.$ 9Image: the system of the following using formula method
 $subquestion (1)$ Image: the following using formula method
 $subquestion (1)$ 9Image: the system of the following using formula method
 $subquestion (1)$ Image: the following using formula method
 $subquestion (1)$ 9Image: the system of the following using formula method
 $subquestion (1)$ Image: the following using formula method
 $subquestion (1)$ 9Image: the system of the following using formula method
 $subguestion (1)$ Image: the following u



Q. 4 Solve any TWO of the following sub questions.

1) A two digit number and the number with digits interchanged add up to 143. In the given number the digit in unit's place is 3 more than the digit in the ten's place. Find the original number.

8

2) A manufacturer of TV sets produced 600 sets in the third year and 700 sets in the seventh year. Assuming that the production increases uniformly by a fixed number every year find.

i) the production in the 1st year

ii) the production in the 10^{th} year

iii) the total production in first 7 years.

3) An express train takes 1 hour less than a passenger train to travel 132 km between Mysore and Banglore (without taking into consideration the time they stop at intermediate station) if the average speeds of the express train is 11 km/h more than that of the passenger train. Find the average speed of the two trains.

Q. 5 Solve any ONE of the following question.

- Ajay sharma repays the borrowed amount of ₹ 3,25,000 by paying ₹ 30500 in the first month and then decreases the payment by ₹ 1500 every month. How long will it take to clear his amount?
- Two dice are rolled, write the sample space 'S' and number of sample point n(s). Also write events and number of sample points in the event according to the given condition.
- i) Sum of the digits on upper face is a prime number
 - Sum of the digits on the upper face is a multiple of 5

iii) Sum of the digits on the upper face is 25.

* * *

ii)

