TEST - PAPER (CBSE/NCERT)

PROBABILITY PART -2

SESSION -2024-25

CLASS - 12th

JOIN TODAY FOR ADVANCE CONCEPTS ONLY IN ₹3000 PER MONTH

MRP: ₹ 100/- ONLY

ALSO, BASIC CONCEPTS CLASSES IN SUMMER VACATION Apr, May & Jun (Every Year)

DPM CLASSES

6th to 10th (Math's & Science), 11th & 12th (Physics, Chemistry, Math's)

time: 1hr : Test - probability: - mm: 45

By 1 of x follows Binomial distribution with Parameters n=5, p and p(x=2)=9p(x-3), than p is equal to

(3. 2. If A and B are two Events Such That P(A/B) = P, P(A) = P, P(B) = 13 and P(AUB) = 59, then p is Equal to _____ (GWALION)

then what is the probability than out of 9 sample of 5 pens drawn one by one with replacement almost one is defeative?

7 andom variable x is given below: SES & COMMILION & 2 3 4 5

P(x) S T 9 11 The value of K.

and P(EUF) = 0.5 then P(F/F) - P(F/E) spuel to.

DPM CLASSES

6th to 10th (Math's & Science), 11th & 12th (Physics, Chemistry, Math's)

(B).6. If P(B) = 3/5, P(A/B) = 1/2, and P(AUB) = 4/5, then P(AUB) + P(A'UB) is speed to.

then $(P(A) = \frac{2}{5}, P(B) = \frac{3}{10})$ and $P(A\cap B) = \frac{1}{5}$. then $(P(A)/B') \cdot P(B/A')$ is Equal to

1.8 There are 5 Card numbered 1 to 5, one humber on one Card two Cards are drawn at random withour replacement. Let x denotes the Sum of the humbers on two Cards drawn. And the mean and variance of x.

1.9. The probability distribution of a random variable x is given as under.

P(x) = $\begin{cases}
Kn^2, x = 1.2.13 \\
2Kx, x = 4.5.16
\end{cases}$ where

Where K is a constant, calculate

(i) E(x), (ii) E(3x2) (iii) P(x24)

DPM CLASSES



DPM CLASSES

