

Quiz Start Time: 02:49 PM

Time
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89
sec(s
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Question # 1 of 10 (**Start time: 02:49:43 PM**)

Total Marks: 1

If A and B are mutually exclusive events then,

▶ Select correct option:

- ☐ $P(A \text{ or } B) = P(A) + P(B)$
- ☐ $P(A \text{ or } B) = P(A) + P(B) - P(A \text{ and } B)$
- ☐ $P(A \text{ or } B) = P(A) - P(B)$
- ☐ $P(A \text{ and } B) = P(A) + P(B) + P(A \text{ or } B)$



Click here to Save Answer & Move to Next Question

Quiz Start Time: 02:49 PM

Time
Left

85
sec(s)
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Question # 2 of 10 (Start time: 02:50:09 PM)

Total Marks: 1

When two dice are rolled together, the outcomes on the faces are Mutually exclusive.

▶ Select correct option:

- ☐ True
- ☐ False



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Quiz Start Time: 02:49 PM

Time
Left

88
sec(s)
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Question # 4 of 10 (Start time: 02:50:44 PM)

Total Marks: 1

What is the probability of at least one head in the experiment of tossing a coin three times?

▶ Select correct option:

- ☐
- ☐
- ☐
- ☐



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Quiz Start Time: 02:49 PM

Time
Left

85
sec(s
)

Question # 5 of 10 (**Start time: 02:51:12 PM**)

Total Marks: 1

In standard normal distribution;



Select correct option:

- ☐

- ☐ Mean = 0, Standard Deviation = 1
- ☐ Mean = 1, Standard Deviation = 1
- ☐ Mean = 0, Standard Deviation = 0



Click here to Save Answer & Move to Next Question

Quiz Start Time: 02:49 PM

Time
Left

86
sec(s
)

Question # 6 of 10 (Start time: 02:51:35 PM)

Total Marks: 1

The following formula for probability $P(A \text{ or } B) = P(A) + P(B) - P(A \text{ and } B)$ is called

Select correct option:

- ☐ The law of addition
- ☐ The law of subtraction

☐ The law of multiplication

☐ None of these



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Quiz Start Time: 02:49 PM

Time
Left

82
sec(s
)

Question # 7 of 10 (Start time: 02:52:00 PM)

Total Marks: 1

Probability of the complement of sure event is -----

Select correct option:

☐ 0

☐ 1

☐ -1

☐ None of these



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Quiz Start Time: 02:49 PM

Time
Left

87
sec(s)
)

Question # 8 of 10 (Start time: 02:52:28 PM)

Total Marks: 1

The successive negative binomial trials are assumed to be

Select correct option:

☐ Independent

☐ Dependent

☐ May be independent

☐ None of these



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Quiz Start Time: 02:49 PM

Time
Left

89
sec(s
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Question # 9 of 10 (Start time: 02:52:59 PM)

Total Marks: 1

In the excel formulation for Poisson distribution i-e "POISSON(x,mean,cumulative)", if $X < 0$ then it returns to



Select correct option:

☐

TRUE

☐

FALSE

☐

#VALUE!

☐

#NUM!



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Quiz Start Time: 02:49 PM

Time
Left

87
sec(s)

Question # 10 of 10 (Start time: 02:53:20 PM)

Total Marks: 1

The correct formula for OR rule is

▶ Select correct option:

- ☐ $P(A \text{ or } B) = P(A) P(B)$
- ☐ $P(A \text{ or } B) = P(A) - P(B)$
- ☐ $P(A \text{ or } B) = P(A) + P(B)$
- ☐ None of these



Click here to Save Answer & Move to Next Question

