

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

STA_301

Statistics and Probability

Quiz No.2 Fall 2022

Full Solution

Total Marks: 10

Due date: 29/12/2022



***"Don't Stop When you Tired,
Stop When you Done"***

0304-4756496

MUHAMMAD ZAMAN 😊

For Paid Quiz contact on 03044756496

Quiz

A set that contains all possible outcomes of a system is known as:

Question # 1 of 10 (Start time: 10:42:22 AM, 29 December 2022) Total Marks: 1

A set that contains all possible outcomes of a system is known as:

Select the correct option

☐	Finite Set
☐	None of these
☐	Infinite Set
☒	Universal Set

Click to Save Answer & Move to Next Question

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10:43 AM 12/29/2022

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Quiz

Two mutually exclusive (disjoint)

https://vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=873bcca5-64dc-4dc1-a4b3-ab7211638c8b

Question # 2 of 10 (Start time: 10:43:12 AM, 29 December 2022) Total Marks: 1

Two mutually exclusive (disjoint) events:

Select the correct option

- ☒ cannot occur together
- ☐ have no effect on the occurrence of each other can be independent
- ☐ have the same probability
- ☐ are always independent

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Quiz

https://vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=263b7b6c-e02f-4b81-9ded-dd9af0203d5f

Question # 3 of 10 (Start time: 10:43:52 AM, 29 December 2022)

Total Marks: 1

There are 30 people in a group. If all shake hands with one another , how many handshakes are possible?

Select the correct option

☒	435
☐	370
☐	291
☐	870

Click to Save Answer & Move to Next Question

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Quiz

https://vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=658b3b0a-cc63-4cab-846e-3d0c7e11f8aa

Question # 4 of 10 (Start time: 10:44:26 AM, 29 December 2022)

Total Marks: 1

In a probability distribution, the sum of the probabilities is equal to:

Select the correct option

☐	0.1
☐	0.5
☒	1
☐	0

Click to Save Answer & Move to Next Question

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Quiz

A group consists of three person

https://vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=d1e651c4-2f68-4f0c-adba-fb5c7e38b29e

Question # 5 of 10 (Start time: 10:44:52 AM, 29 December 2022)

Total Marks: 1

A group consists of three persons, A, B, & C. How many ways are there of selecting a group of two persons out of these three?

Select the correct option

☐	2
☒	3
☐	1
☐	6

Click to Save Answer & Move to Next Question

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File Explorer

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ENG

10:46 AM

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Quiz

https://vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=e43f9e0f-31da-4fc3-acf2-150a647ee58c

Question # 6 of 10 (Start time: 10:46:19 AM, 29 December 2022)

Total Marks: 1

If we roll a die then probability of getting a '2' will be

Select the correct option

☐ 1

☒ 1/6

☐ 4/6

☐ 2/6

Click to Save Answer & Move to Next Question

Type here to search

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Quiz

In how many different ways can

←

↻

🔒

https://vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=b5374419-4996-4b58-ae5f-b2cdff60c33e

A

🌟

🌟

🔖

👤

⋮

Question # 7 of 10 (Start time: 10:46:53 AM, 29 December 2022)

Total Marks: 1

In how many different ways can the letters of the word 'CORPORATION' be arranged so that the vowels always come together?

Select the correct option

☐	970
☐	720
☒	50400
☐	640

Click to Save Answer & Move to Next Question

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⬆️

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ENG

10:47 AM

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Quiz

https://vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=43b35a4f-fdd7-4ec2-a2d6-127a37b40fe5

Question # 8 of 10 (Start time: 10:47:28 AM, 29 December 2022)

Total Marks: 1

If two fair dice are thrown, the probability of getting a double six is:

Select the correct option

☒	1/36
☐	1/12
☐	1/6
☐	2/36

Click to Save Answer & Move to Next Question

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ENG 10:48 AM 12/29/2022

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Quiz

https://vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=181dd59c-a0cf-4114-a33a-fae55a0709d0

Question # 10 of 10 (Start time: 10:48:21 AM, 29 December 2022)

Total Marks: 1

The probability of an event cannot be

Select the correct option

☐	0.3
☒	-0.5
☐	0.5
☐	1

Click to Save Answer & Move to Next Question

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Quiz

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Question # 9 of 10 (Start time: 10:48:09 AM, 29 December 2022) Total Marks: 1

The simultaneous occurrence of two events is called:

Select the correct option

☒	Joint probability
☐	Conditional probability
☐	Prior probability
☐	Subjective probability

Click to Save Answer & Move to Next Question

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10:48 AM 12/29/2022

There is all are 100% right solved
But there is a little chance of any
mistake

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**Please If You find any mistake then also
let us to Know**

Muhammad Zaman

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JazakAllaH

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