

PSY516 QUIZ 3 FOR FINAL TERM

19:04 4G 13 K/s 99

Home vulms.vu.edu.pk/Quiz/Q 16

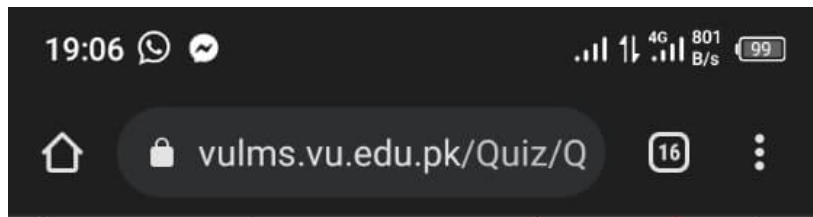
If three coins are tossed, the minimum number of heads happen to be:

Select the correct option

- | | |
|-----------------------|---|
| <input type="radio"/> | 2 |
| <input type="radio"/> | 1 |
| <input type="radio"/> | 0 |
| <input type="radio"/> | 3 |
- 



PSY516 QUIZ 3 FOR FINAL TERM



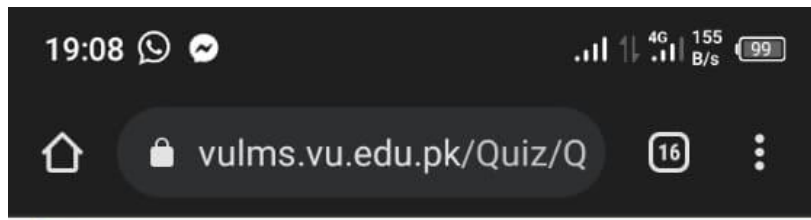
Which one of the following is the direct formula of covariance?

Select the correct option

| | | |
|-----------------------|-------------------------------|--|
| <input type="radio"/> | $E \{[X - E(X)] [Y - E(Y)]\}$ | |
| <input type="radio"/> | $(X)(Y)/E(X+Y)(X-Y)$ | |
| <input type="radio"/> | $X/E(Y)+Y$ | |
| <input type="radio"/> | $E(XY): [Y(X) + E(Y)]$ | |

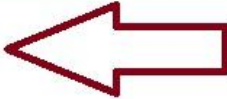


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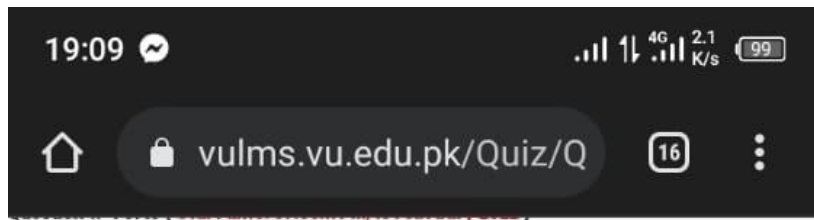
The full form of p.d.f is:

Select the correct option

| | |
|-----------------------|---|
| <input type="radio"/> | Prime distribution function |
| <input type="radio"/> | Probability density function  |
| <input type="radio"/> | Population density function |
| <input type="radio"/> | Preface dimension function |



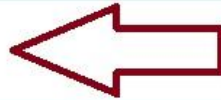
PSY516 QUIZ 3 FOR FINAL TERM



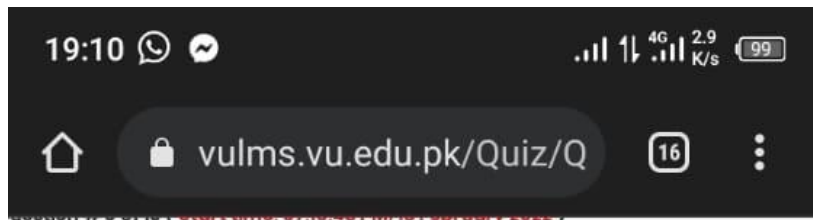
The binomial distribution can be classified as which one of the following kinds of distributions:

Select the correct option

- Discrete probability distribution
- Extreme value distribution
- Beta distribution
- Continuous probability distribution

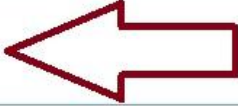


PSY516 QUIZ 3 FOR FINAL TERM



Which one of the following happens to be the correct formula for μ (probability mean)?

select the correct option

- | | |
|-----------------------|-------------------------------|
| <input type="radio"/> | $\mu = E(x) - 2(\sigma^2)$ |
| <input type="radio"/> | $\mu = E(x) + P(x)(\sigma^2)$ |
| <input type="radio"/> | $\mu = E(x) = \sum x P(x)$ |
| <input type="radio"/> | $\mu = x(E) + \sum (AB)^2$ |
-  **NOT CONFIRM**



PSY516 QUIZ 3 FOR FINAL TERM

19:13

4G 827 B/s 98

Question # 6 of 15 (Start time: 07:12:50 PM, 18 February 2022)

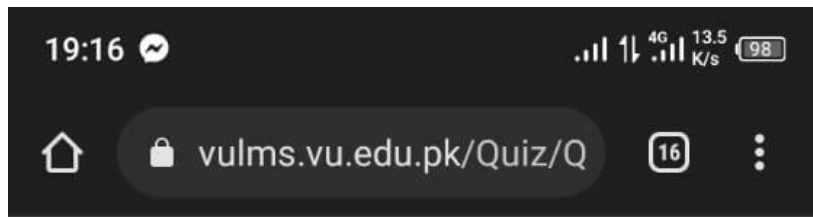
The covariance of a random variable with itself can be known as its:

Select the correct option

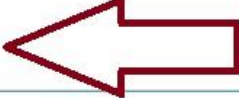
- | | |
|-----------------------|--------------------|
| <input type="radio"/> | Variance |
| <input type="radio"/> | Standard deviation |
| <input type="radio"/> | Correlation |
| <input type="radio"/> | Expected value |
- 



PSY516 QUIZ 3 FOR FINAL TERM



Select the correct option

- 10 is less than X , which is again less than 15
 - 10 is less than X , which is less than or equal to 15
 - 10 is less than or equal to x , which is again less than or equal to 15
 - 10 is less than or equal to x , which is less than 15
- 



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19:19 147 B/s 98

vulms.vu.edu.pk/Quiz/Q 16

Question # 10 of 15 (Start time: 07:19:02 PM, 18 February 2022)

Which one of the following happens to be the formula for mean, in case of a binomial distribution?




Select the correct option

- $Pn = E(n)$
- $E(X) = np$ 
- $P = E(x)$
- $X(n) = E - x$

Click



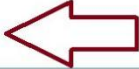
PSY516 QUIZ 3 FOR FINAL TERM

19:23   4G 727 K/s  97%







Which one of the following tests enables us to determine in a statistical manner that whether or not the theoretical distribution fits the observed distribution reasonably well?





Select the correct option

| | |
|-----------------------|-----------------|
| <input type="radio"/> | Chi-square test |
| <input type="radio"/> | Binomial test |
| <input type="radio"/> | One-way Anova |



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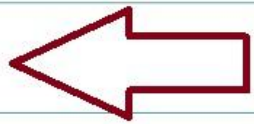
19:25      1.9 M/s  97

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Question # 14 of 15 (Start time: 07:24:57 PM, 18 February 2022)

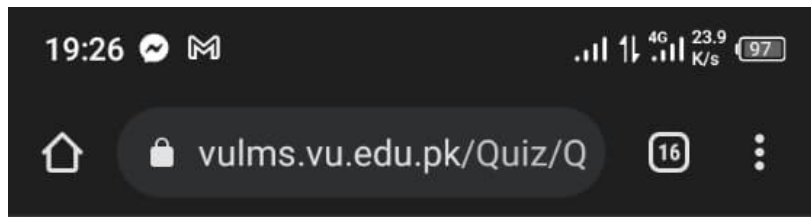
The binomial distribution will be skewed to the right in which one of the following cases?

Select the correct option

- | | |
|-----------------------|------------|
| <input type="radio"/> | $P = q$ |
| <input type="radio"/> | $P \leq q$ |
| <input type="radio"/> | $P > q$ |
| <input type="radio"/> | $P < q$ |
- 



PSY516 QUIZ 3 FOR FINAL TERM



Question # 15 of 15 (Start time: 07:26:29 PM, 18 February 2022)

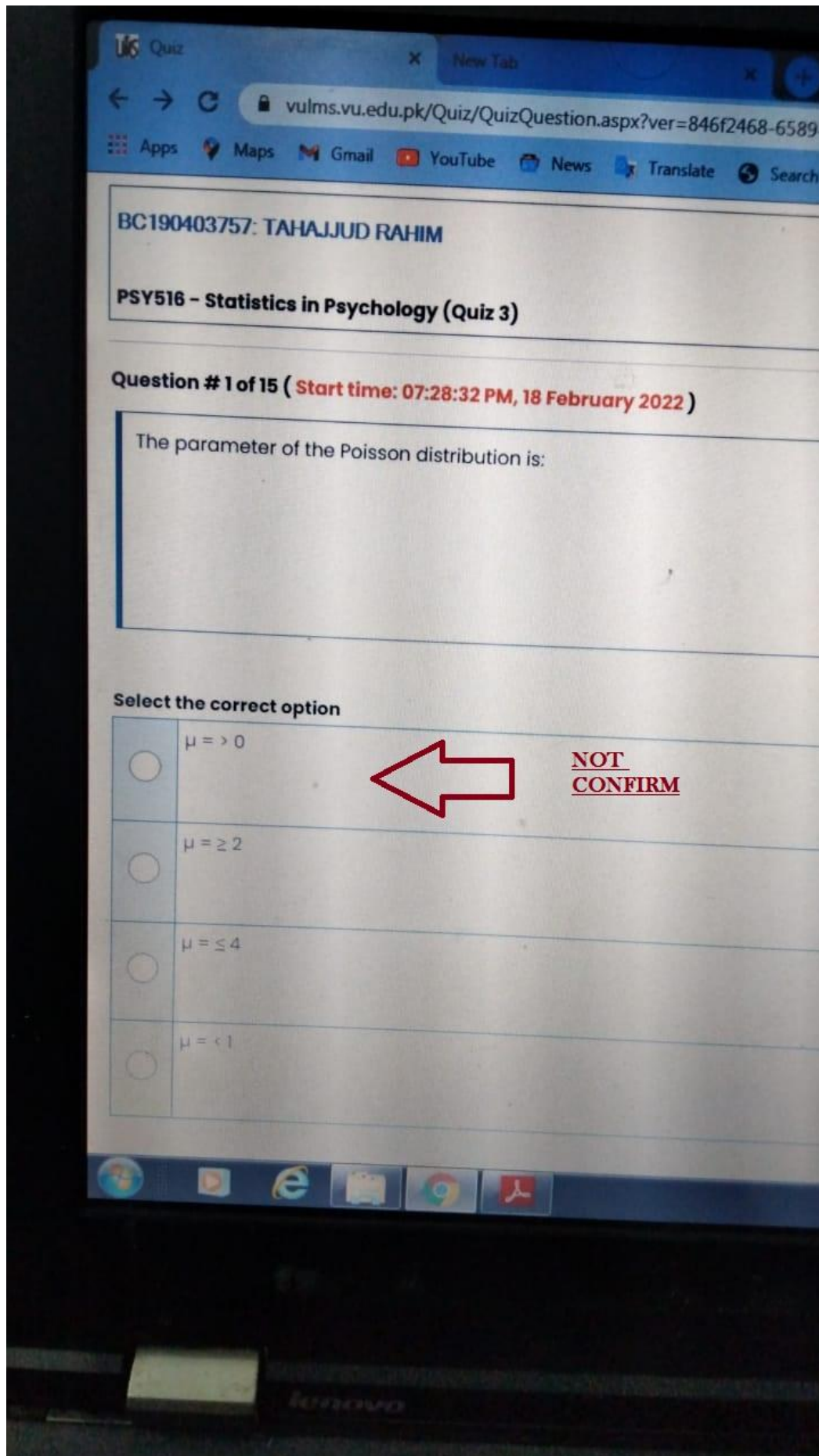
The equation $E(XY) = E(X)E(Y)$ implies that X and Y are:

Select the correct option

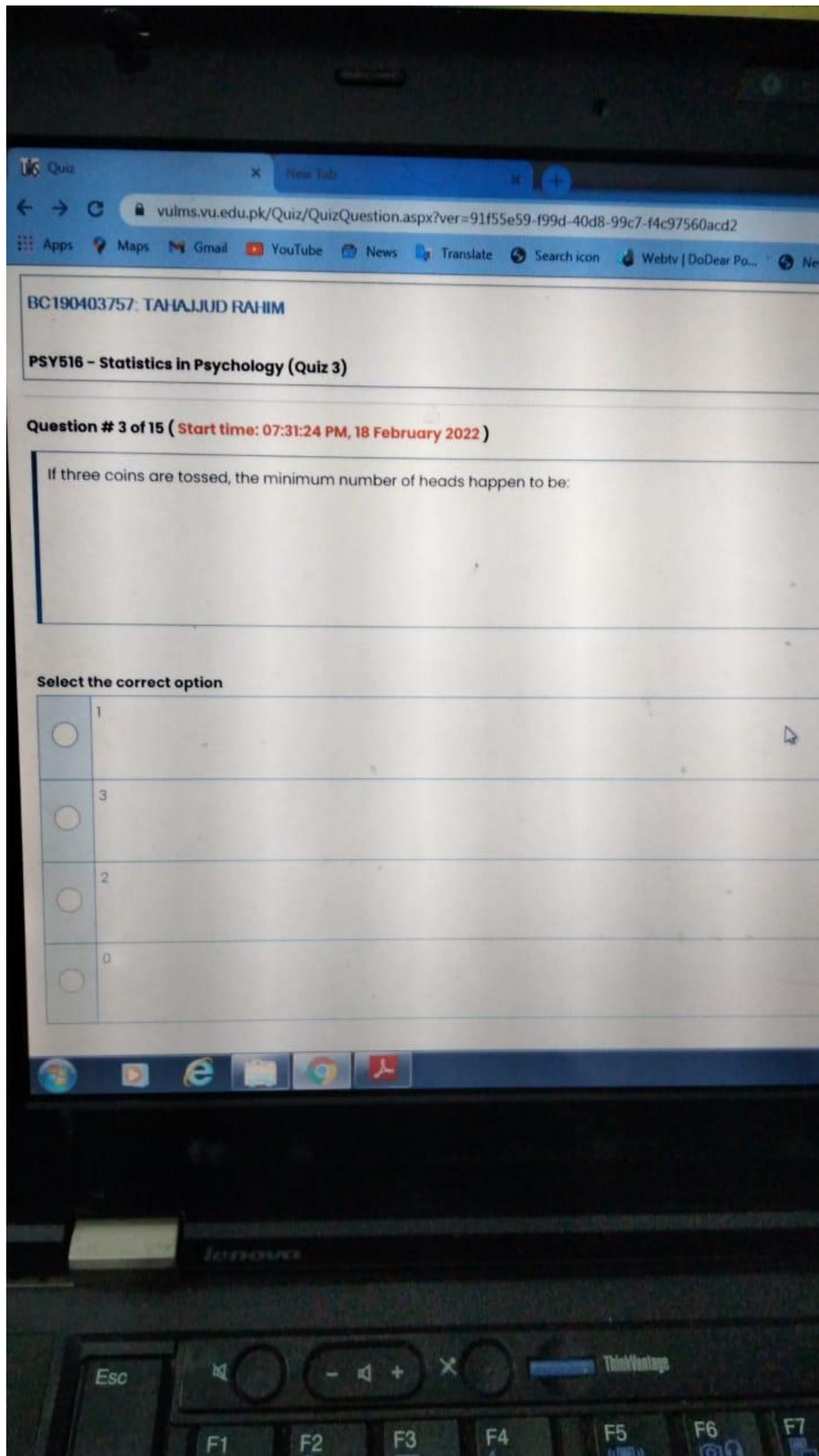
- | | |
|-----------------------|---------------------------|
| <input type="radio"/> | Statistically independent |
| <input type="radio"/> | Positively correlated |
| <input type="radio"/> | Infinite variables |
| <input type="radio"/> | Negatively correlated |



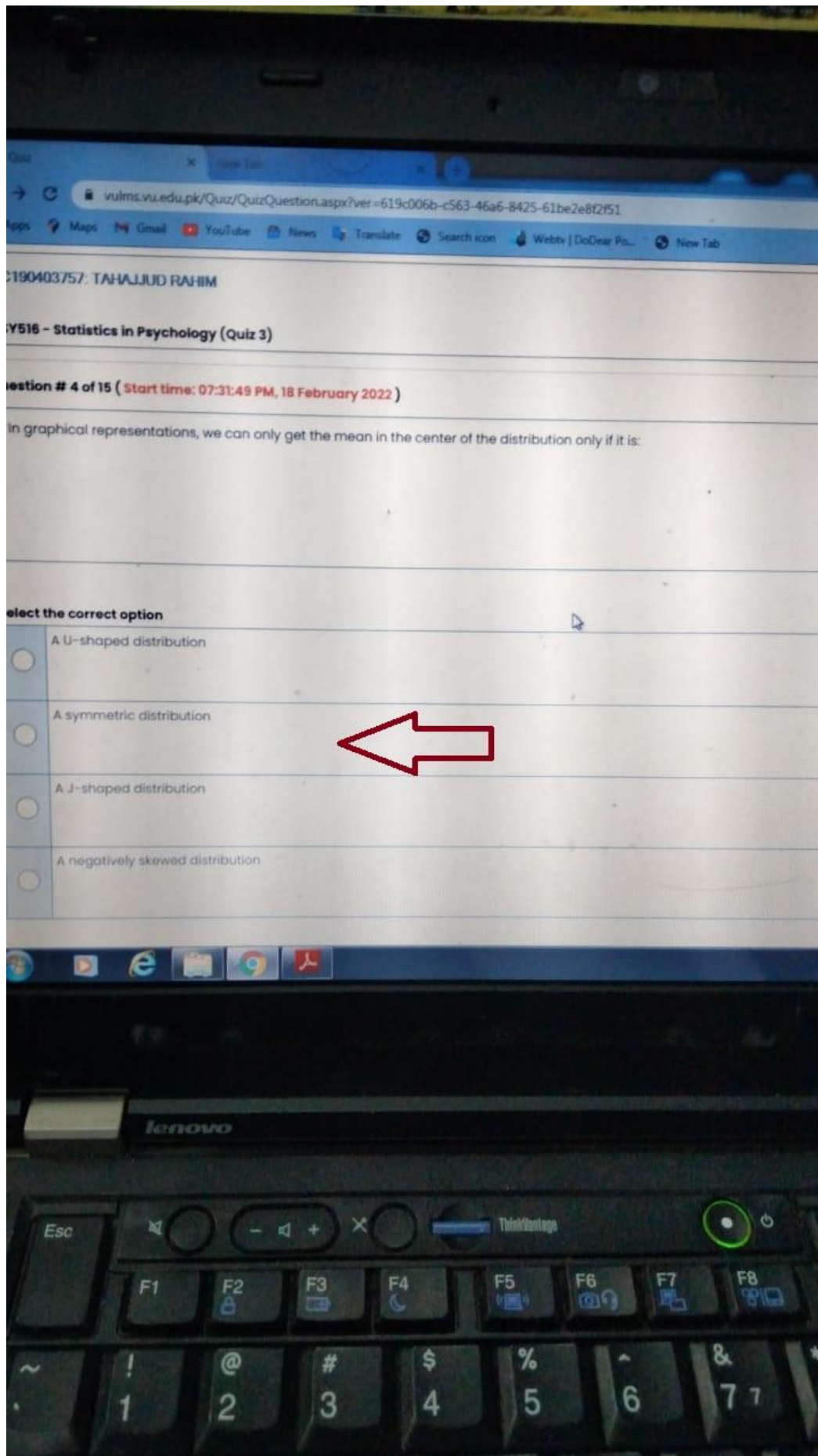
PSY516 QUIZ 3 FOR FINAL TERM



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PSY516 QUIZ 3 FOR FINAL TERM



PSY516 QUIZ 3 FOR FINAL TERM


PSY516 - Statistics in Psychology (Quiz 3) Quiz Start Time: 07:28 PM

Question # 9 of 15 (Start time: 07:38:21 PM, 18 February 2022)

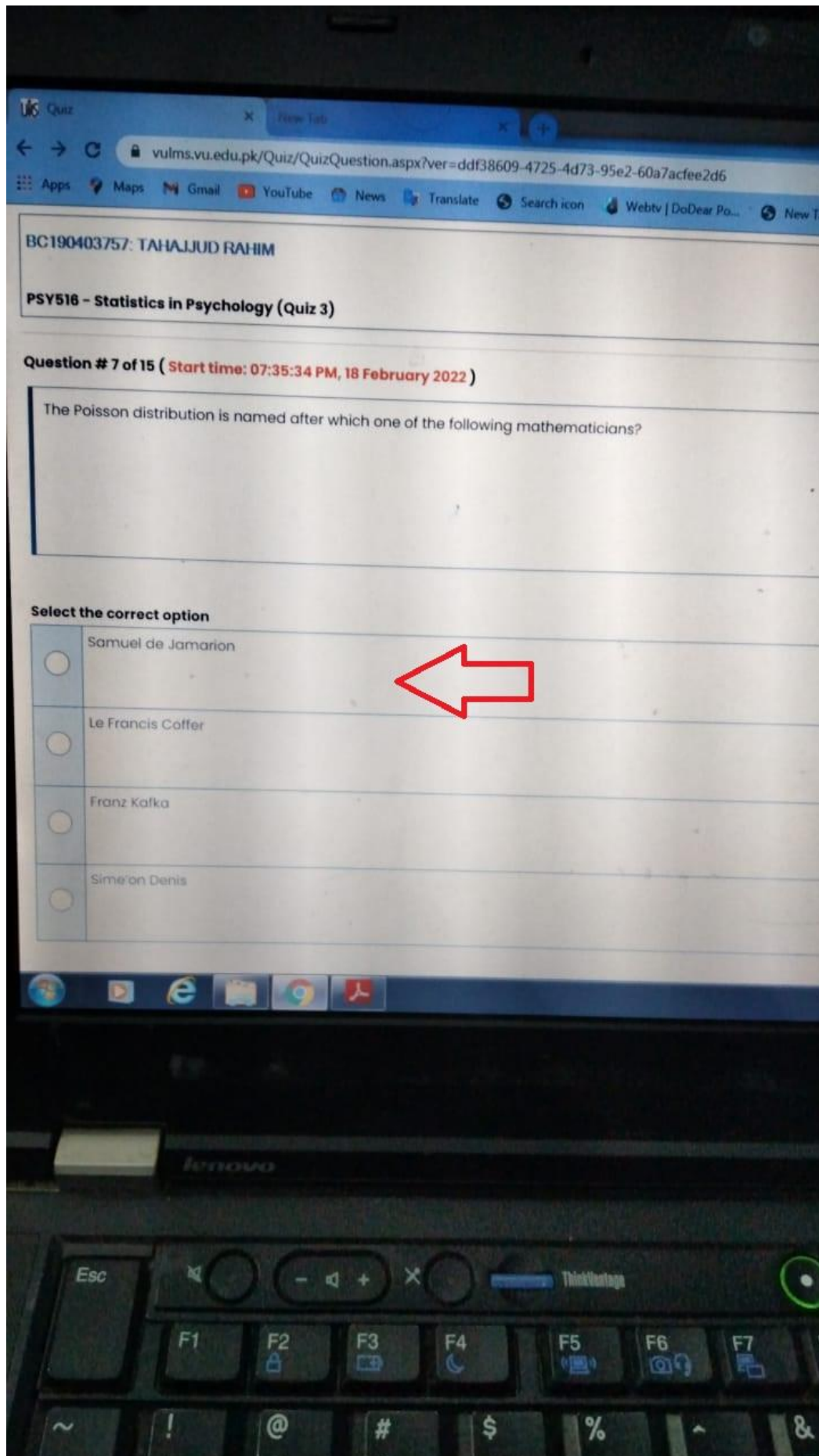
The graph of the distribution function of a discrete random variable is also known as owing to its shape?

Select the correct option

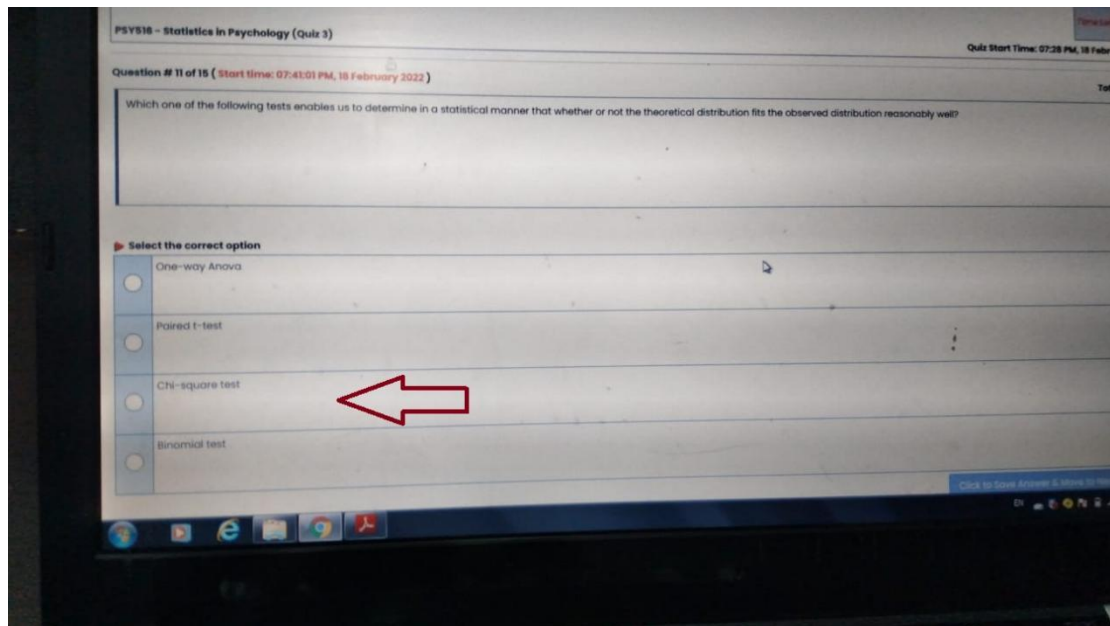
- Jump/step function
- Take function
- Slide function
- Fall function



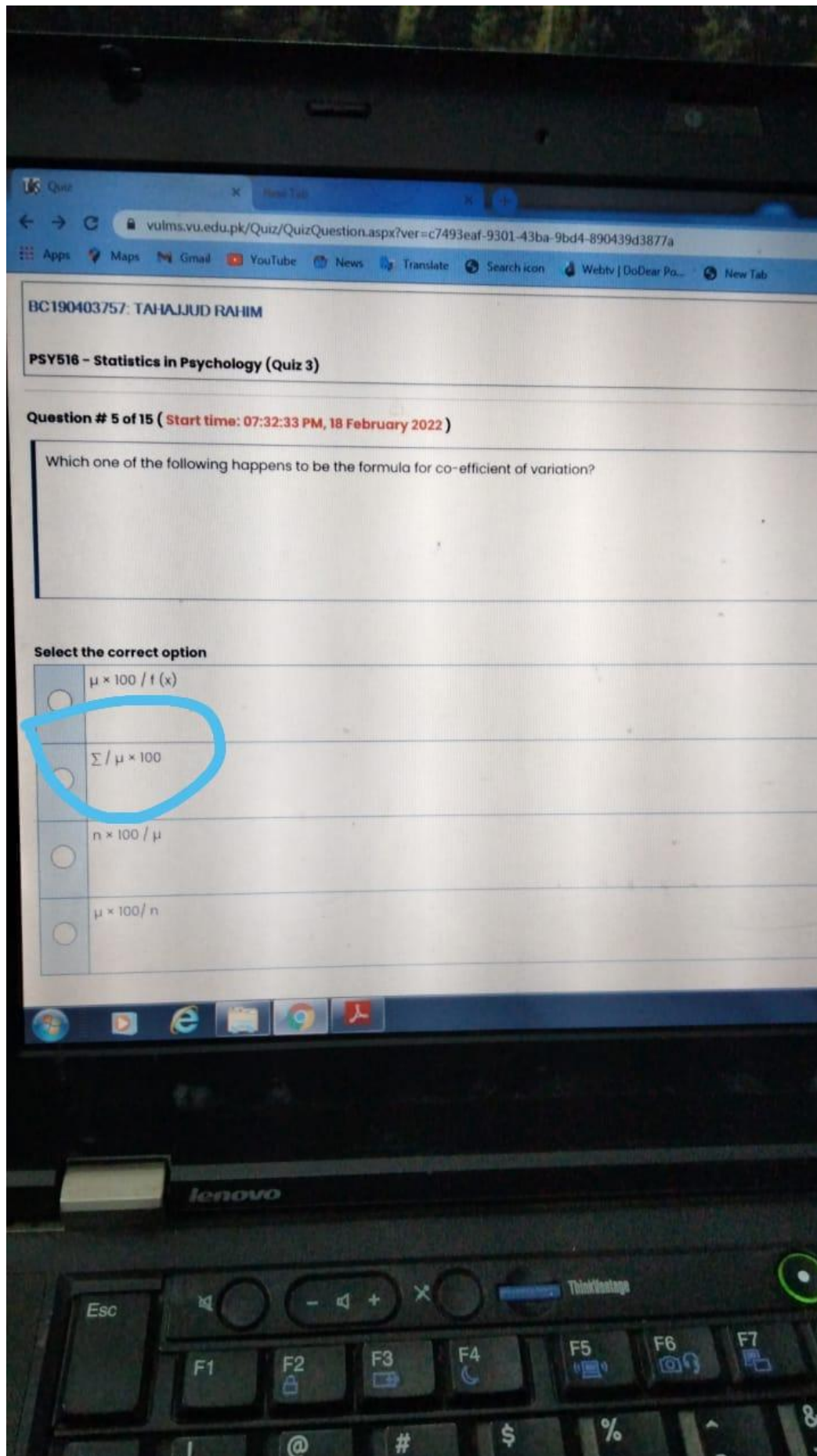
PSY516 QUIZ 3 FOR FINAL TERM



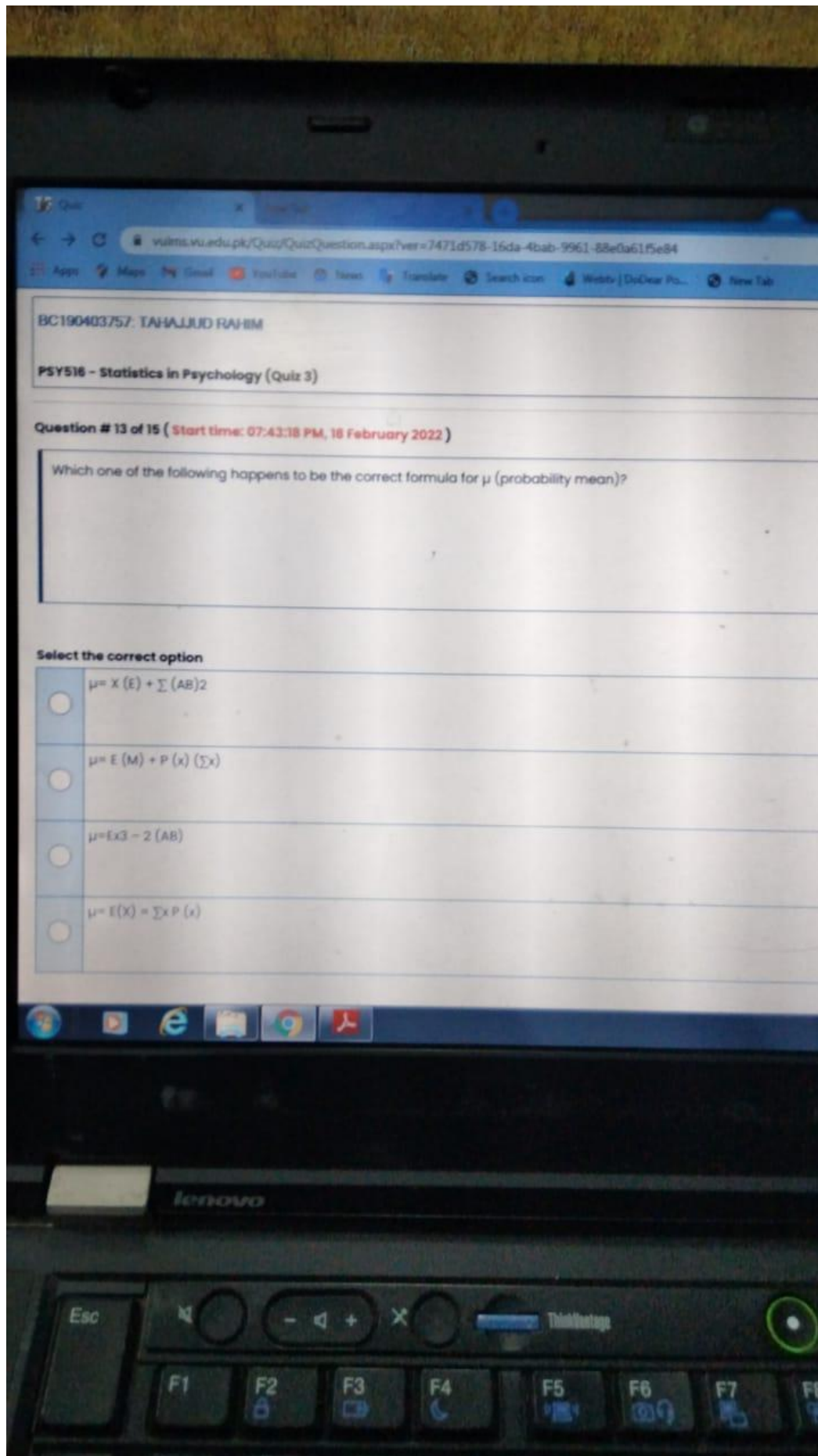
PSY516 QUIZ 3 FOR FINAL TERM



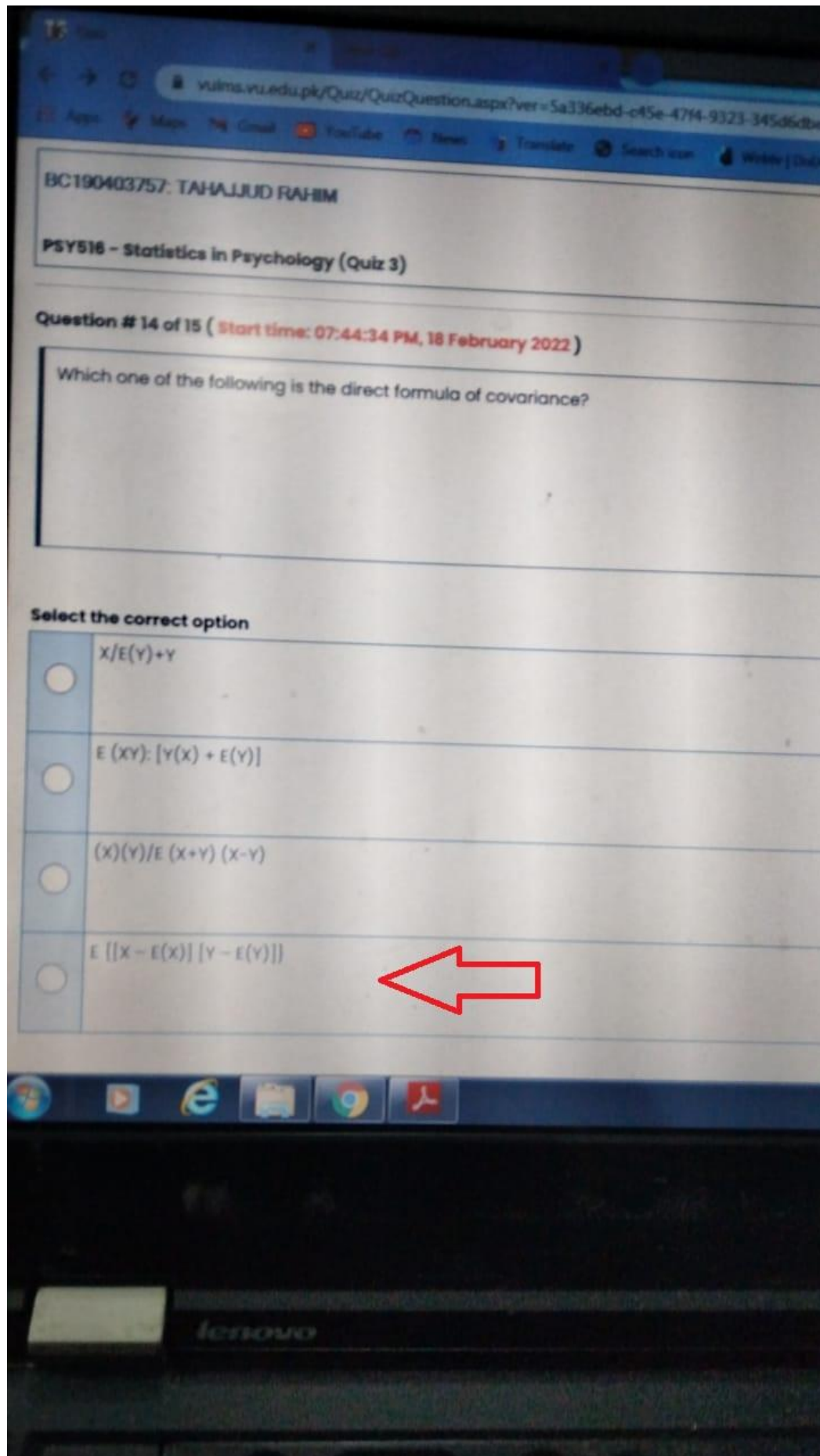
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Quiz

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Question # 5 of 15 (Start time: 07:58:02 PM, 18 February 2022)

In graphical representations, we can only get the mean in the center of the distribution only if it is:

Select the correct option

- A negatively skewed distribution
- A U-shaped distribution
- A symmetric distribution
- A J-shaped distribution

Type here to search

hp

1 2 3 4 5 6 7 8 9

PSY516 QUIZ 3 FOR FINAL TERM

Quiz

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Question # 10 of 15 (Start time: 08:02:01 PM, 18 February 2022)

Which one of the following is the correct explanation for the probability mathematical expression i.e., $P(10 \leq X \leq 15)$?

Select the correct option

- 10 is less than or equal to x, which is less than 15
- 10 is less than X, which is again less than 15
- 10 is less than X, which is less than or equal to 15
- 10 is less than or equal to x, which is again less than or equal to 15

hp

Type here to search

1 2 3 4 5 6 7 8 9 0

Q W E R T Y U I O

A S D F G H J K L

PSY516 QUIZ 3 FOR FINAL TERM

Quiz


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Question # 14 of 15 (Start time: 08:06:06 PM, 18 February 2022)

The uniform distribution is also known as:

Select the correct option

- The bar pie distribution
- The cubic distribution
- The binomial distribution
- The rectangular distribution



Type here to search

hp

1 2 3 4 5

PSY516 QUIZ 3 FOR FINAL TERM

Quiz


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PSY516 - Statistics in Psychology (Quiz 3)

Question # 13 of 15 (Start time: 08:05:31 PM, 18 February 2022)

If three coins are tossed, the minimum number of heads happen to be:

Select the correct option

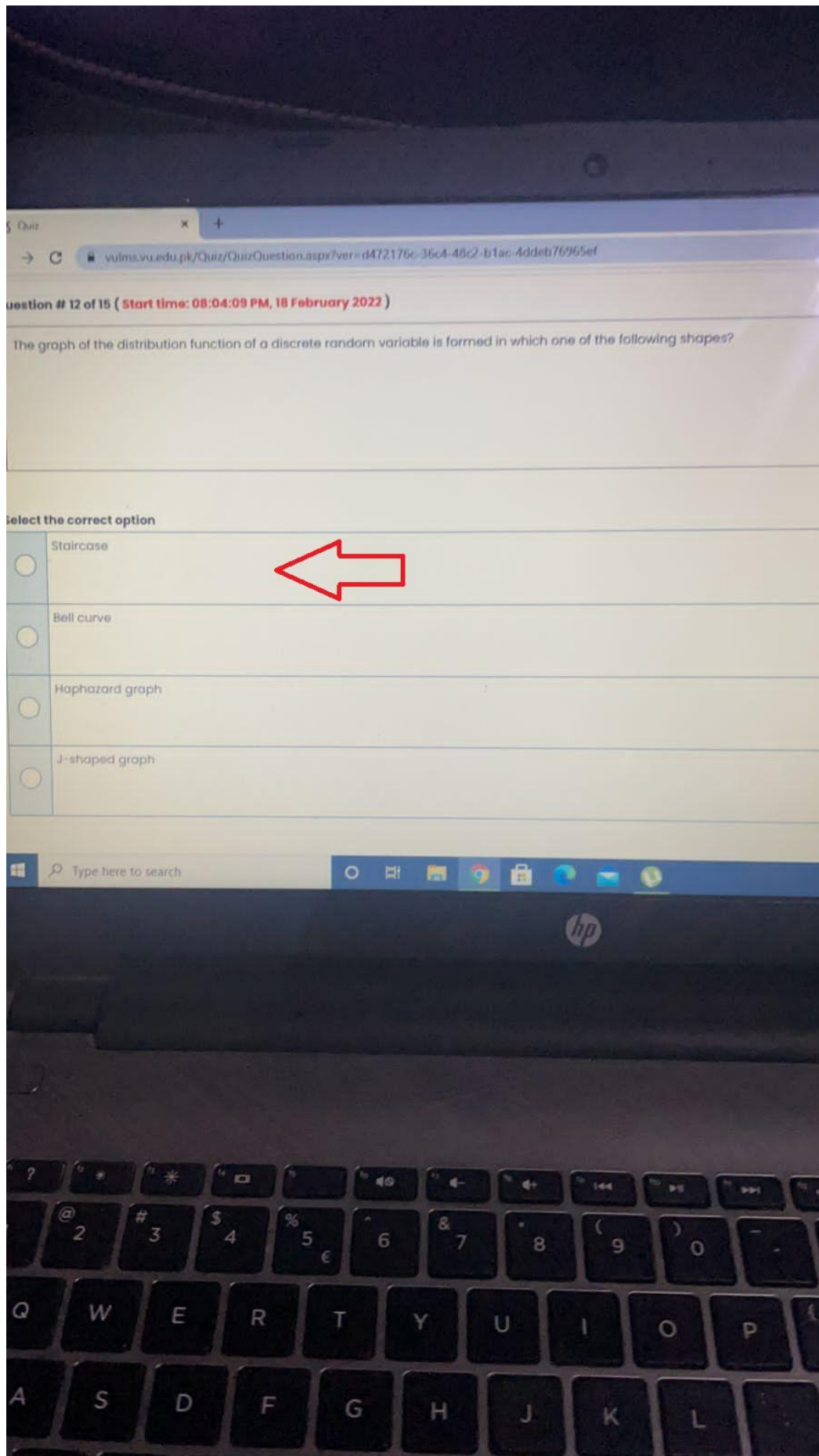
| | | | |
|-----------------------|---|---|-----------------|
| <input type="radio"/> | 3 |  | <u>Not sure</u> |
| <input type="radio"/> | 1 | | |
| <input type="radio"/> | 0 | | |
| <input type="radio"/> | 2 | | |

Type here to search

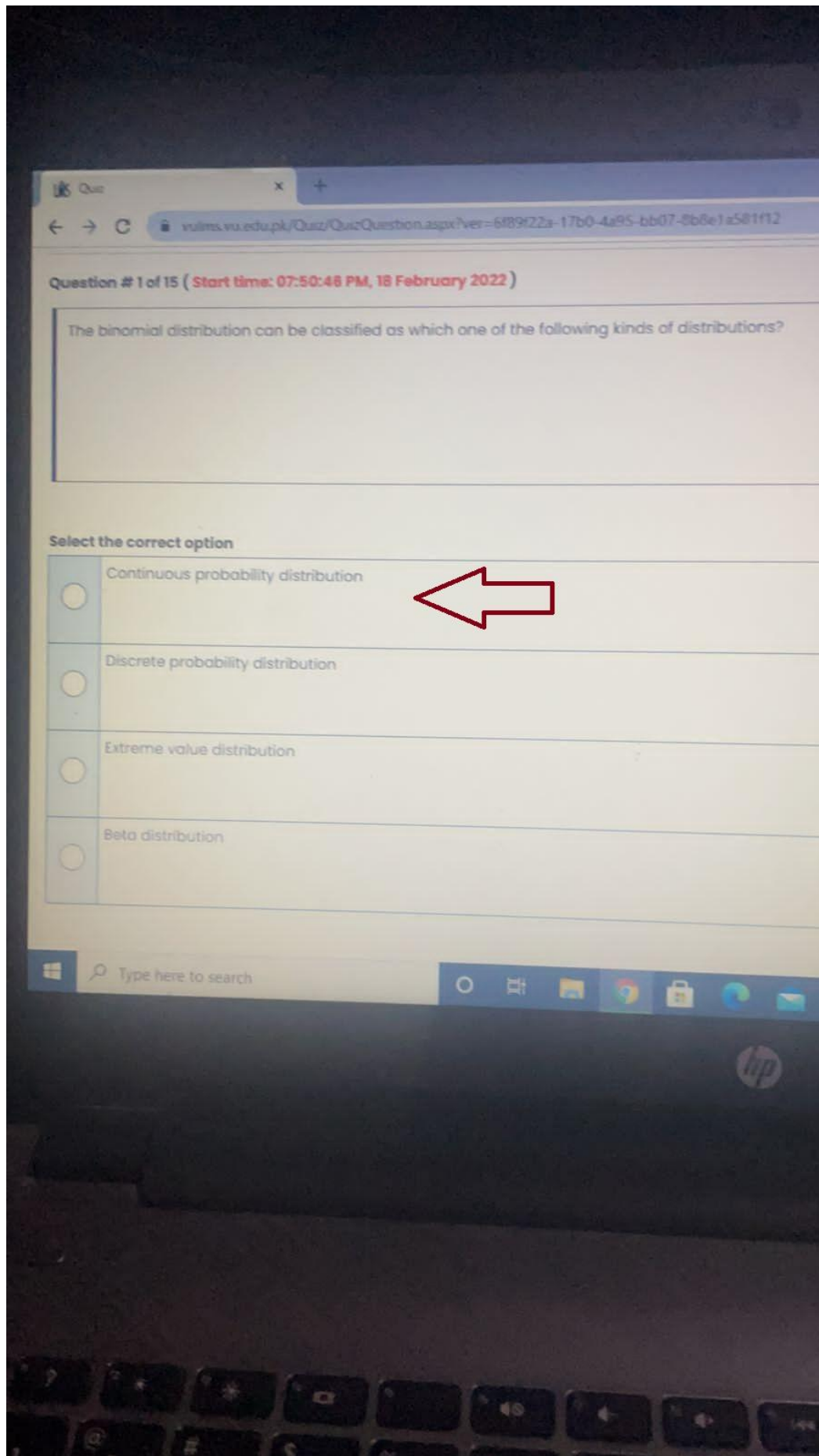
hp

Q W E R T Y U

PSY516 QUIZ 3 FOR FINAL TERM



PSY516 QUIZ 3 FOR FINAL TERM



PSY516 QUIZ 3 FOR FINAL TERM

Question # 1 of 15 (Start time: 08:09:41 PM, 18 February 2022) Total Marks: 1

If X and Y are two variables that are statistically independent, then their covariance is represented by:

Select the correct option

- 1
- 0
- 2
- 3

Question # 2 of 15 (Start time: 08:11:21 PM, 18 February 2022) Total Marks: 1

$f(x, y) > 0$ for all (x, y) is a property pertaining to which one of the following kinds of distributions?

Select the correct option

- Continuous bi-variate
- Discrete bi-variate
- Continuous univariate
- Discrete univariate

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WhatsApp Quiz

vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=de269bb8-0107-4265-b979-5dbeece9b0180

Question # 4 of 10 (Start time: 06:15:30 PM, 16 February 2022)

In the case of mathematical expectation of a continuous probability distribution, the summation sign is replaced by one of the following signs?

Select the correct option

- Infinity
- Under root
- Permutation
- Integration

Click to Save Answer & Move to Next Question



WhatsApp Quiz

vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=e6073d7c-b25b-417e-9938-5af225d5aa5e

Question # 9 of 10 (Start time: 06:15:30 PM, 16 February 2022)

B1 and B2, the two moment ratios, give an indication of which one of the following qualities of a distribution?

Select the correct option

- Skewness and Kurtosis
- Mid-points
- Mean value
- Axis value

Click to Save Answer & Move to Next Question

A & B

PSY516 QUIZ 3 FOR FINAL TERM

WhatsApp Quiz


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Question # 6 of 15 (Start time: 08:16:59 PM, 18 February 2022) Total Marks: 1

The derivation of the Poisson distribution is published in the year:

Select the correct option

- 1837
- 1765
- 1890
- 1678



WhatsApp Quiz

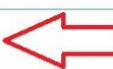
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Question # 7 of 15 (Start time: 08:18:31 PM, 18 February 2022) Total Marks: 1

The uniform distribution is also known as:

Select the correct option

- The binomial distribution
- The bar pie distribution
- The rectangular distribution
- The cubic distribution



PSY516 QUIZ 3 FOR FINAL TERM

Question # 9 of 15 (Start time: 08:19:50 PM, 18 February 2022) Total Marks: 1

Suppose that A is an event, and its complement is \bar{A} . If the probability of A is $1/2$, then the probability of \bar{A} will be written with a difference of:

Select the correct option

- 2
- 3
- 1
- 0

Question # 10 of 15 (Start time: 08:21:16 PM, 18 February 2022) Total Marks: 1

Which one of the following is the direct formula of covariance?

Select the correct option

- $(X)(Y)/E(X+Y)(X-Y)$
- $E(XY) - [E(X) + E(Y)]$
- $X/E(Y)+Y$
- $E[(X - E(X)) (Y - E(Y))]$

Click to Save Answer & Move to Next Question

PSY516 QUIZ 3 FOR FINAL TERM

8:22 PDF

4G 90%



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1



BC210420395: AYESHA BATOOL ZAFAR

Time Left 90 sec(s)

PSY516 - Statistics in Psychology (Quiz 3)

Quiz Start Time: 08:22 PM, 18 February 2022

Question # 1 of 15 (start time: 08:22:08 PM, 18 February 2022)

Total Marks: 1

Which one of the following happens to be the formula for co-efficient of variation?

Select the correct option

- $n \times 100 / \mu$
- $\Sigma / \mu \times 100$
- $\mu \times 100 / f(x)$
- $\mu \times 100 / n$

Click to Save Answer & Move to Next Question



PSY516 QUIZ 3 FOR FINAL TERM

4) WhatsApp x Quiz x +
vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=7016e5ca-c8ae-4aca-a557-37b8bed497d8
PSY516 - Statistics in Psychology (Quiz 3) Quiz Start Time: 08:09 PM, 18 February 2022

Question # 13 of 15 (Start time: 08:22:29 PM, 18 February 2022) Total Marks: 1

Which one of the following happens to be the formula for variance, in case of a binomial distribution?

Select the correct option

- $\text{Var}(X) = npq$ ←
- $\text{Var}(X) = n-1$
- $\text{Var}(X) = n(n+1)$
- $\text{Var}(X) = En-1$

3) WhatsApp x Quiz x +
vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=ea1034b5-a200-41e2-bd2e-4a4d86880c1f
PSY516 - Statistics in Psychology (Quiz 3) Quiz Start Time: 08:23:35 PM, 18 February 2022

Question # 14 of 15 (Start time: 08:23:35 PM, 18 February 2022) Total Marks: 1

The relationship between $f(x)$ and the $F(x)$ is that the derivative of $F(x)$ is equal to:

Select the correct option

- $f(x)$
- $F(x)$ ←
- x
- $f'(x)$

PSY516 QUIZ 3 FOR FINAL TERM

Question # 15 of 15 (Start time: 08:24:57 PM, 18 February 2022) Total Marks: 1

Which one of the following happens to be the formula for mean, in case of a binomial distribution?

Select the correct option

- $P=E(x)$
- $X(n)=E-x$
- $E(x)=np$ ←
- $Pn=E(n)$

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PSY516 QUIZ 3 FOR FINAL TERM

8:24

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BC210420395: AYESHA BATOOL ZAFAR

Time Left 89 sec(s)

PSY516 - Statistics in Psychology (Quiz 3)

Quiz Start Time: 08:22 PM, 18 February 2022

Question # 2 of 15 (start time: 08:24:17 PM, 18 February 2022)

Total Marks: 1

If three coins are tossed, the minimum number of heads happen to be:

Select the correct option

- 1
- 3
- 2
- 0

Click to Save Answer & Move to Next Question



PSY516 QUIZ 3 FOR FINAL TERM

8:24

4G 90%



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1



BC210420395: AYESHA BATOOL ZAFAR

Time Left 89 sec(s)

PSY516 - Statistics in Psychology (Quiz 3)

Quiz Start Time: 08:22 PM, 18 February 2022

Question # 3 of 15 (start time: 08:25:02 PM, 18 February 2022)

Total Marks: 1

Two events, A and B are said to be independent if the probability of A into the probability of B is equal to:

Select the correct option

- Probability of $A \cap B$
- Probability of $A = B$
- Probability of $A > B$
- Probability of $A < B$



Click to Save Answer & Move to Next Question



PSY516 QUIZ 3 FOR FINAL TERM

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BC210420395: AYESHA BATOOL ZAFAR

Time Left 89 sec(s)

PSY516 - Statistics in Psychology (Quiz 3)

Quiz Start Time: 08:22 PM, 18 February 2022

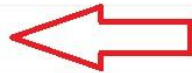
Question # 4 of 15 (start time: 08:26:31 PM, 18 February 2022)

Total Marks: 1

The graph of the distribution function of a continuous random variable is formed as:

Select the correct option

- A pie-chart
- A J-shaped curve
- A smooth bell curve
- A bar graph



Click to Save Answer & Move to Next Question



PSY516 QUIZ 3 FOR FINAL TERM

8:29

4G 89%



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BC210420395: AYESHA BATOOL ZAFAR

Time Left 88 sec(s)

PSY516 - Statistics in Psychology (Quiz 3)

Quiz Start Time: 08:22 PM, 18 February 2022

Question # 6 of 15 (start time: 08:29:48 PM, 18 February 2022)

Total Marks: 1

The parameter of the Poisson distribution is:

Select the correct option

$\mu \leq 4$

$\mu \geq 2$

$\mu < 1$

$\mu > 0$

Click to Save Answer & Move to Next Question

PSY516 QUIZ 3 FOR FINAL TERM

8:31

4G 89%



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BC210420395: AYESHA BATOOL ZAFAR

Time Left 88 sec(s)

PSY516 - Statistics in Psychology (Quiz 3)

Quiz Start Time: 08:22 PM, 18 February 2022

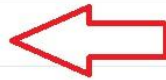
Question # 7 of 15 (start time: 08:31:25 PM, 18 February 2022)

Total Marks: 1

The Poisson approximation is used in place of the binomial distribution when n is:

Select the correct option

- 50 or more
- 10 or more
- 20 or more
- 30 or more



Click to Save Answer & Move to Next Question



PSY516 QUIZ 3 FOR FINAL TERM

Question # 1 of 15 (Start time: 08:33:16 PM, 18 February 2022)

How can you read the equation: " $2 \leq x < 3$ "?

Select the correct option

- | | |
|-----------------------|--|
| <input type="radio"/> | The number 2 is included but 3 is excluded |
| <input type="radio"/> | The difference between 2 and 3 is 1 |
| <input type="radio"/> | The number 2 is excluded and 3 is included |
| <input type="radio"/> | L.H.S is equal to R.H.S |



PSY516 QUIZ 3 FOR FINAL TERM

8:36

4G 88%



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BC210420395: AYESHA BATOOL ZAFAR

Time Left 85 sec(s)

PSY516 - Statistics in Psychology (Quiz 3)

Quiz Start Time: 08:22 PM, 18 February 2022

Question # 10 of 15 (start time: 08:36:09 PM, 18 February 2022)

Total Marks: 1

In the case of mathematical expectation of a continuous probability distribution, the summation sign is replaced by one of the following signs?

Select the correct option

- Permutation
- Under root
- Integration
- Infinity



Click to Save Answer & Move to Next Question



PSY516 QUIZ 3 FOR FINAL TERM

8:37

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BC210420395: AYESHA BATOOL ZAFAR

Time Left 89 sec(s)

PSY516 - Statistics in Psychology (Quiz 3)

Quiz Start Time: 08:22 PM, 18 February 2022

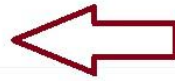
Question # 11 of 15 (start time: 08:37:51 PM, 18 February 2022)

Total Marks: 1

A correlation of 0.95 can be best interpreted as which one of the following statements?

Select the correct option

- A positive correlation
- A Strong positive correlation
- A weak positive correlation
- A neutral correlation



Click to Save Answer & Move to Next Question



PSY516 QUIZ 3 FOR FINAL TERM

8:39

4G 88%



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BC210420395: AYESHA BATOOL ZAFAR

Time Left 89 sec(s)

PSY516 - Statistics in Psychology (Quiz 3)

Quiz Start Time: 08:22 PM, 18 February 2022

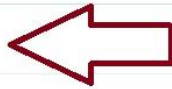
Question # 12 of 15 (start time: 08:39:17 PM, 18 February 2022)

Total Marks: 1

The covariance of a random variable with itself can be known as its:

Select the correct option

- Variance
- Correlation
- Standard deviation
- Expected value



Click to Save Answer & Move to Next Question



PSY516 QUIZ 3 FOR FINAL TERM

8:40

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1



BC210420395: AYESHA BATOOL ZAFAR

Time Left 89 sec(s)

PSY516 - Statistics in Psychology (Quiz 3)

Quiz Start Time: 08:22 PM, 18 February 2022

Question # 13 of 15 (Start time: 08:40:34 PM, 18 February 2022)

Total Marks: 1

Which one of the following tests enables us to determine in a statistical manner that whether or not the theoretical distribution fits the observed distribution reasonably well?

Select the correct option








- Paired t-test
- Chi-square test
- Binomial test
- One-way Anova








Click to Save Answer & Move to Next Question



PSY516 QUIZ 3 FOR FINAL TERM

8:53       

  **Quiz**
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BC210418132: AFSHEEN IMTIAZ Time Left 62 sec(s)

PSY516 - Statistics in Psychology (Quiz 3) Quiz Start Time: 08:46 PM, 18 February 2022




Question # 5 of 15 (start time: 08:53:22 PM, 18 February 2022) Total Marks: 1

How can you read the equation: " $2 \leq x < 3$ "?








Select the correct option






| | |
|-----------------------|--|
| <input type="radio"/> | The number 2 is excluded and 3 is included |
| <input type="radio"/> | The number 2 is included but 3 is excluded |
| <input type="radio"/> | L.H.S is equal to R.H.S |
| <input type="radio"/> | The difference between 2 and 3 is 1 |

[Click to Save Answer & Move to Next Question](#)

PSY516 QUIZ 3 FOR FINAL TERM

8:54       

  **Quiz**
vulms.vu.edu.pk   

BC210418132: AFSHEEN IMTIAZ Time Left 88 sec(s)

PSY516 - Statistics in Psychology (Quiz 3) Quiz Start Time: 08:46 PM, 18 February 2022




Question # 6 of 15 (start time: 08:54:45 PM, 18 February 2022) Total Marks: 1

A correlation of 0.95 can be best interpreted as which one of the following statements?








Select the correct option






| | |
|-----------------------|-------------------------------|
| <input type="radio"/> | A Strong positive correlation |
| <input type="radio"/> | A neutral correlation |
| <input type="radio"/> | A positive correlation |
| <input type="radio"/> | A weak positive correlation |

[Click to Save Answer & Move to Next Question](#)

PSY516 QUIZ 3 FOR FINAL TERM

8:55       

  **Quiz**
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BC210418132: AFSHEEN IMTIAZ Time Left 88 sec(s)

PSY516 - Statistics in Psychology (Quiz 3) Quiz Start Time: 08:46 PM, 18 February 2022




Question # 7 of 15 (start time: 08:55:21 PM, 18 February 2022) Total Marks: 1

The binomial distribution can be classified as which one of the following kinds of distributions?








Select the correct option






| | |
|-----------------------|-------------------------------------|
| <input type="radio"/> | Continuous probability distribution |
| <input type="radio"/> | Discrete probability distribution |
| <input type="radio"/> | Beta distribution |
| <input type="radio"/> | Extreme value distribution |

[Click to Save Answer & Move to Next Question](#)

PSY516 QUIZ 3 FOR FINAL TERM

8:58       

  **Quiz**
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BC210418132: AFSHEEN IMTIAZ Time Left 88 sec(s)

PSY516 - Statistics in Psychology (Quiz 3) Quiz Start Time: 08:46 PM, 18 February 2022


Question # 11 of 15 (start time: 08:58:24 PM, 18 February 2022) Total Marks: 1


The full form of p.d.f is:

Select the correct option








| | |
|-----------------------|------------------------------|
| <input type="radio"/> | Population density function |
| <input type="radio"/> | Preface dimension function |
| <input type="radio"/> | Probability density function |
| <input type="radio"/> | Prime distribution function |






[Click to Save Answer & Move to Next Question](#)





PSY516 QUIZ 3 FOR FINAL TERM

8:59       

  **Quiz**
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BC210418132: AFSHEEN IMTIAZ Time Left 83 sec(s)

PSY516 - Statistics in Psychology (Quiz 3) Quiz Start Time: 08:46 PM, 18 February 2022

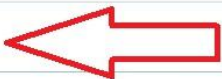
Question # 12 of 15 (Start time: 08:58:56 PM, 18 February 2022) Total Marks: 1


The graph of the distribution function of a discrete random variable is also known as _____ owing to its shape?

Select the correct option








| | |
|-----------------------|--------------------|
| <input type="radio"/> | Slide function |
| <input type="radio"/> | Jump/step function |
| <input type="radio"/> | Fall function |
| <input type="radio"/> | Take function |






[Click to Save Answer & Move to Next Question](#)





PSY516 QUIZ 3 FOR FINAL TERM

9:00       

  **Quiz**
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BC210418132: AFSHEEN IMTIAZ Time Left 88 sec(s)


PSY516 - Statistics in Psychology (Quiz 3) Quiz Start Time: 08:46 PM, 18 February 2022

Question # 14 of 15 (Start time: 09:00:36 PM, 18 February 2022) Total Marks: 1




The binomial distribution will be skewed to the right in which one of the following cases?

Select the correct option

| | |
|-----------------------|------------|
| <input type="radio"/> | $p \leq q$ |
| <input type="radio"/> | $p > q$ |
| <input type="radio"/> | $p = q$ |
| <input type="radio"/> | $p < q$ |



[Click to Save Answer & Move to Next Question](#)


PSY516 QUIZ 3 FOR FINAL TERM

PSY516 - Statistics in Psychology (Quiz 3) Quiz Start Time: 09:04 PM, 18 February 2022

Question # 2 of 15 (Start time: 09:05:25 PM, 18 February 2022)

The derivation of the Poisson distribution is published in the year:

Select the correct option


- 1837 
- 1890
- 1879
- 1708

PSY516 - Statistics in Psychology (Quiz 3) Quiz Start Time: 09:04 PM, 18 February 2022

Question # 10 of 15 (Start time: 09:14:42 PM, 18 February 2022)

For an absolutely symmetric distribution the third moment about the mean is:

Select the correct option

- 0 
- 1
- 2
- 3

PSY516 QUIZ 3 FOR FINAL TERM



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Time Left: 00 sec(s)

PSY516 - Statistics in Psychology (Quiz 3)

Quiz Start Time: 09:35 PM, 16 February 2022

Question # 8 of 15 (Start time: 09:26:35 PM, 18 February 2022)

Total Marks: 1

The graph of the distribution function of a discrete random variable is also known as _____, owing to its shape?

Select the correct option

- | | |
|----------------------------------|--------------------|
| <input type="radio"/> | Fall function |
| <input type="radio"/> | Slide function |
| <input checked="" type="radio"/> | Jump/step function |
| <input type="radio"/> | Take function |

Click to Save Answer & Move to Next Question



PSY516 QUIZ 3 FOR FINAL TERM



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Which one of the following is the correct explanation for the probability mathematical expression i.e., $P(10 \leq X \leq 15)$

Select the correct option

- | | |
|----------------------------------|--|
| <input checked="" type="radio"/> | 10 is less than or equal to x, which is again less than or equal to 15 |
| <input type="radio"/> | 10 is less than or equal to x, which is less than 15 |
| <input type="radio"/> | 10 is less than x, which is less than or equal to 15 |
| <input type="radio"/> | 10 is less than x, which is again less than 15 |

Click to Save Answer & Move to Next



PSY516 QUIZ 3 FOR FINAL TERM



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Psychology (Quiz 3)

Quiz 3 (Time: 09:28:53 PM, 18 Feb 2022)

Question # 11 of 15 (Start time: 09:28:53 PM, 18 February 2022)

In graphical representations, we can only get the mean in the center of the distribution only if it is:

Select the correct option



A negatively skewed distribution



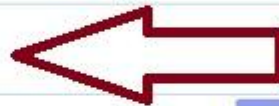
A J-shaped distribution



A U-shaped distribution



A symmetric distribution



Click to Save Answer & Move to Next Question



PSY516 QUIZ 3 FOR FINAL TERM



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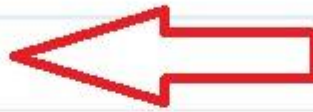


Question # 13 of 15 (Start time: 09:32:13 PM, 18 February 2022)

The graph of the distribution function of a continuous random variable is formed as:

Select the correct option

- A J-shaped curve
- A smooth bell curve
- A pie-chart
- A bar graph



Click to Save Answer & Move to Next



PSY516 QUIZ 3 FOR FINAL TERM

BC190406874: TAYBBA NAWAZ

PSY516 - statistics in Psychology (Quiz 3)

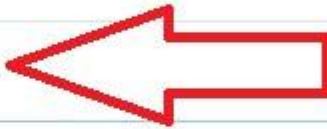
Quiz Start Time: 05

Question # 14 of 15 (Start time: 09:33:17 PM, 18 February 2022)

The marginal probabilities occur on the margins of which one of the following kinds of tables?

Select the correct option

- Bi-variable table
- Uni-variate table
- Probability spread sheet
- Frequency distribution



Click to Save Answer & M



PSY516 QUIZ 3 FOR FINAL TERM

PSY516 - Statistics in Psychology (Quiz 3)

Quiz Start Time: 05:35 PM, 16 Febru

Question # 15 of 15 (Start time: 09:34:50 PM, 18 February 2022)

Total

Which one of the following happens to be the value of the second moment ratio in the case of a leptokurtic distribution

Select the correct option

- >3
- ≥ 4
- ≤ 2
- >1



Click to Save Answer & Move to Next Question



PSY516 QUIZ 3 FOR FINAL TERM

9:37 PM

12.2 K/s



vulms.vu.edu.pk/Quiz/Q

89

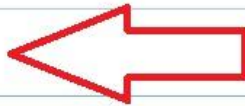


Question # 1 of 15 (Start time: 09:57:04 PM, 18 February 2022)

$f(x, y) > 0$ for all (x, y) is a property pertaining to which one of the following kinds of distributions?

Select the correct option

- Discrete bi-variate
- Continuous univariate
- Discrete univariate
- Continuous bi-variate



Click to Save Answer



PSY516 QUIZ 3 FOR FINAL TERM

9:38 PM

9.3 K/s



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89

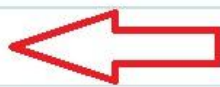


Question # 4 of 15 (Start time: 09:38:40 PM, 18 February 2022)

How can you read the equation: " $2 \leq x < 3$ "?

Select the correct option

- L.H.S is equal to R.H.S
- The number 2 is included but 3 is excluded
- The difference between 2 and 3 is 1
- The number 2 is excluded and 3 is included



Click to Save Answer & Move to



PSY516 QUIZ 3 FOR FINAL TERM

9:39 PM

37.1 K/s



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89



Question # 5 of 15 (start time: 09:39:16 PM, 18 February 2022)

Which one of the following happens to be the formula for mean, in case of a binomial distribution?

Select the correct option

- $E(X) = np$
- $Pn = E(n)$
- $P = E(x)$
- $X(n) = E-x$

Click to Save Answer & Move



PSY516 QUIZ 3 FOR FINAL TERM

9:40 PM

15.8 K/s

PSY516 - Statistics in Psychology (Quiz 3)

Question # 6 of 15 (Start time: 09:39:56 PM, 18 February 2022)

The binomial distribution will be skewed to the right in which one of the following cases?

Select the correct option

- $p = q$
- $p < q$
- $p \leq q$
- $p > q$

Click to



PSY516 QUIZ 3 FOR FINAL TERM

9:41 PM

382 B/s



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89



Question # 8 of 15 (start time: 09:41:43 PM, 18 February 2022)

Which one of the following happens to be the formula for co-efficient of variation?

Select the correct option

- $\mu \times 100 / \sigma$
- $\sigma \times 100 / \mu$
- $\Sigma / \mu = 100$
- $\mu \times 100 / \sigma$

Click to Save Answer & Move to



PSY516 QUIZ 3 FOR FINAL TERM

9:44 PM

21.3 K/s



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89

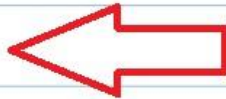


Question # 11 of 15 (Start time: 09:44:37 PM, 18 February 2022)

Suppose that A is an event, and its compliment is \bar{A} . If the probability of A is $1/2$, then the probability of \bar{A} will be written with a

Select the correct option

- 3
- 2
- 1
- 0




Click to Save Answer & Move to



PSY516 QUIZ 3 FOR FINAL TERM

9:49 PM  •  17 K/s 



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89

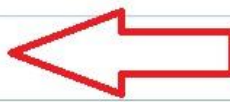


Question # 15 of 15 (Start time: 09:49:09 PM, 18 February 2022)

The derivation of the Poisson distribution is published in the year.

Select the correct option

- 1890
- 1837
- 1678
- 1765



Click to Save Answer & M

