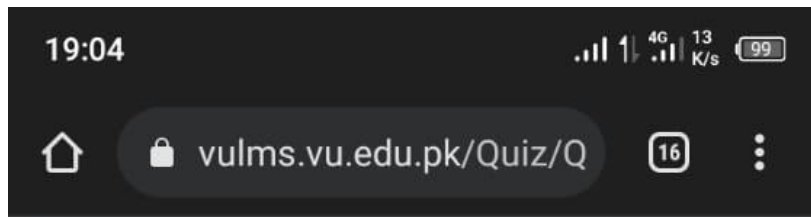


PSY516 QUIZ 3 FOR FINAL TERM



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

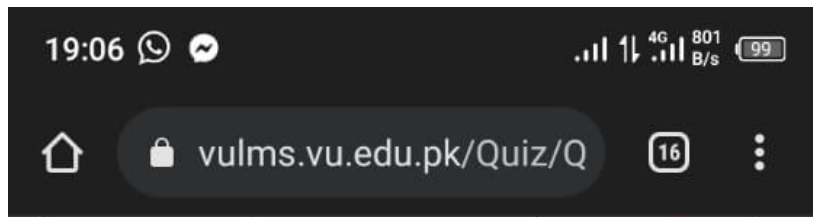
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Select the correct option

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



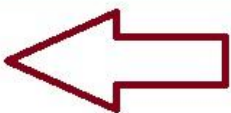
PSY516 QUIZ 3 FOR FINAL TERM



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

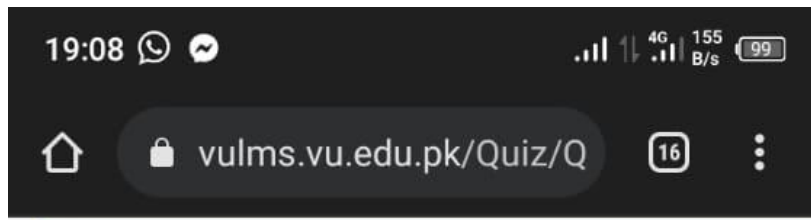
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Select the correct option

<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"/>	$E(XY): [Y(X) + E(Y)]$	

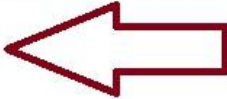


PSY516 QUIZ 3 FOR FINAL TERM



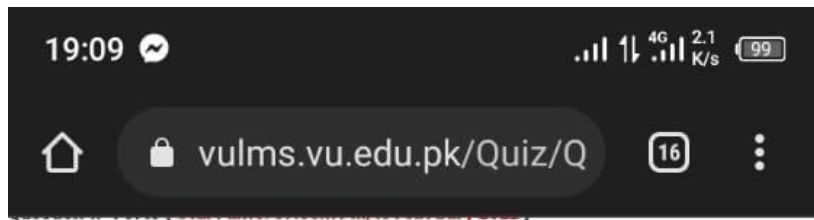
The full form of p.d.f is:

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



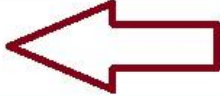
PSY516 QUIZ 3 FOR FINAL TERM



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

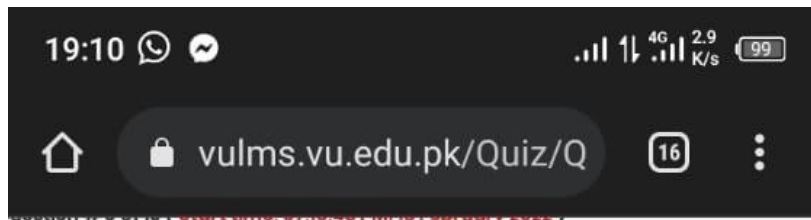
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Select the correct option

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



PSY516 QUIZ 3 FOR FINAL TERM

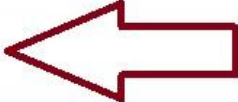


Which one of the following happens to be the correct formula for μ (probability mean)?

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select the correct option

<input type="radio"/>	$\mu = E(X) - 2(AB)$
<input type="radio"/>	$\mu = E(M) + P(X) (\Sigma X)$
<input type="radio"/>	$\mu = E(X) = \Sigma X P(X)$
<input type="radio"/>	$\mu = X(E) + \Sigma(AB)^2$

 **NOT CONFIRM**

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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:

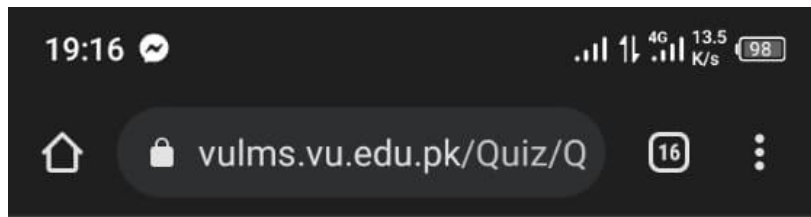
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Select the correct option

<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
-



PSY516 QUIZ 3 FOR FINAL TERM

19:19     147 B/s  98

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

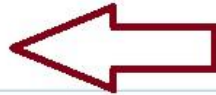
Question # 10 of 15 (Start time: 07:19:02 PM, 18 February 2022)

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

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Select the correct option




- | | |
|-----------------------|----------------|
| <input type="radio"/> | $Pn = E(n)$ |
| <input type="radio"/> | $E(X) = np$ |
| <input type="radio"/> | $P = E(x)$ |
| <input type="radio"/> | $X(n) = E - x$ |



Click



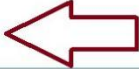
PSY516 QUIZ 3 FOR FINAL TERM

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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PSY516 QUIZ 3 FOR FINAL TERM

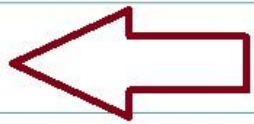
19:25      1.9 M/s  97

  vulms.vu.edu.pk/Quiz/Q  

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

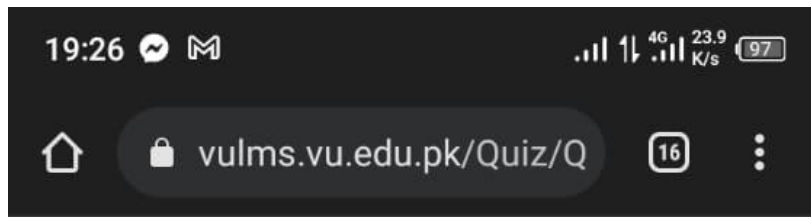
The binomial distribution will be skewed to the right in which one of the following cases?

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:

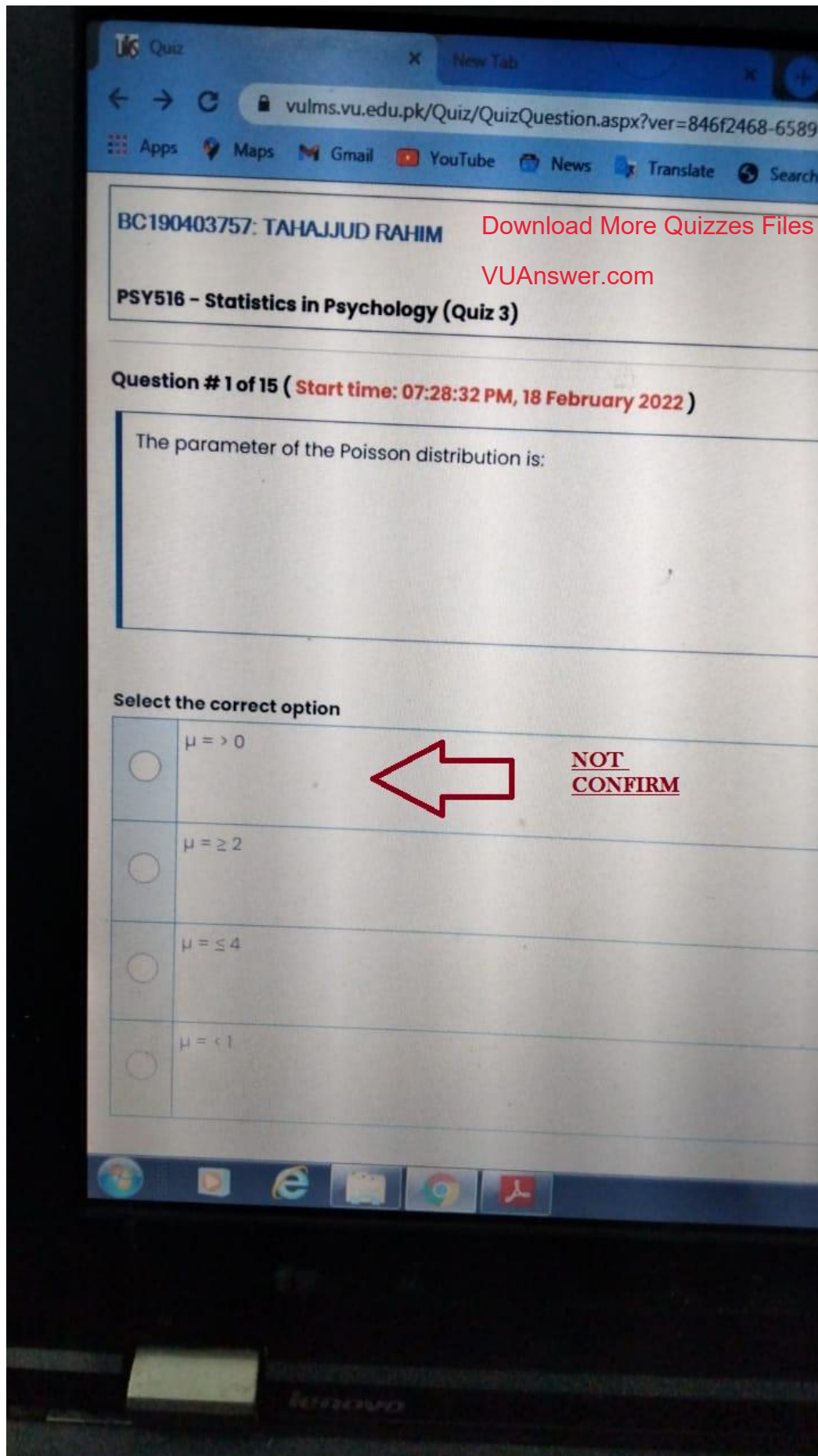
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Select the correct option

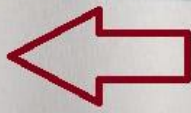
- | | |
|-----------------------|---------------------------|
| <input type="radio"/> | Statistically independent |
| <input type="radio"/> | Positively correlated |
| <input type="radio"/> | Infinite variables |
| <input type="radio"/> | Negatively correlated |



PSY516 QUIZ 3 FOR FINAL TERM

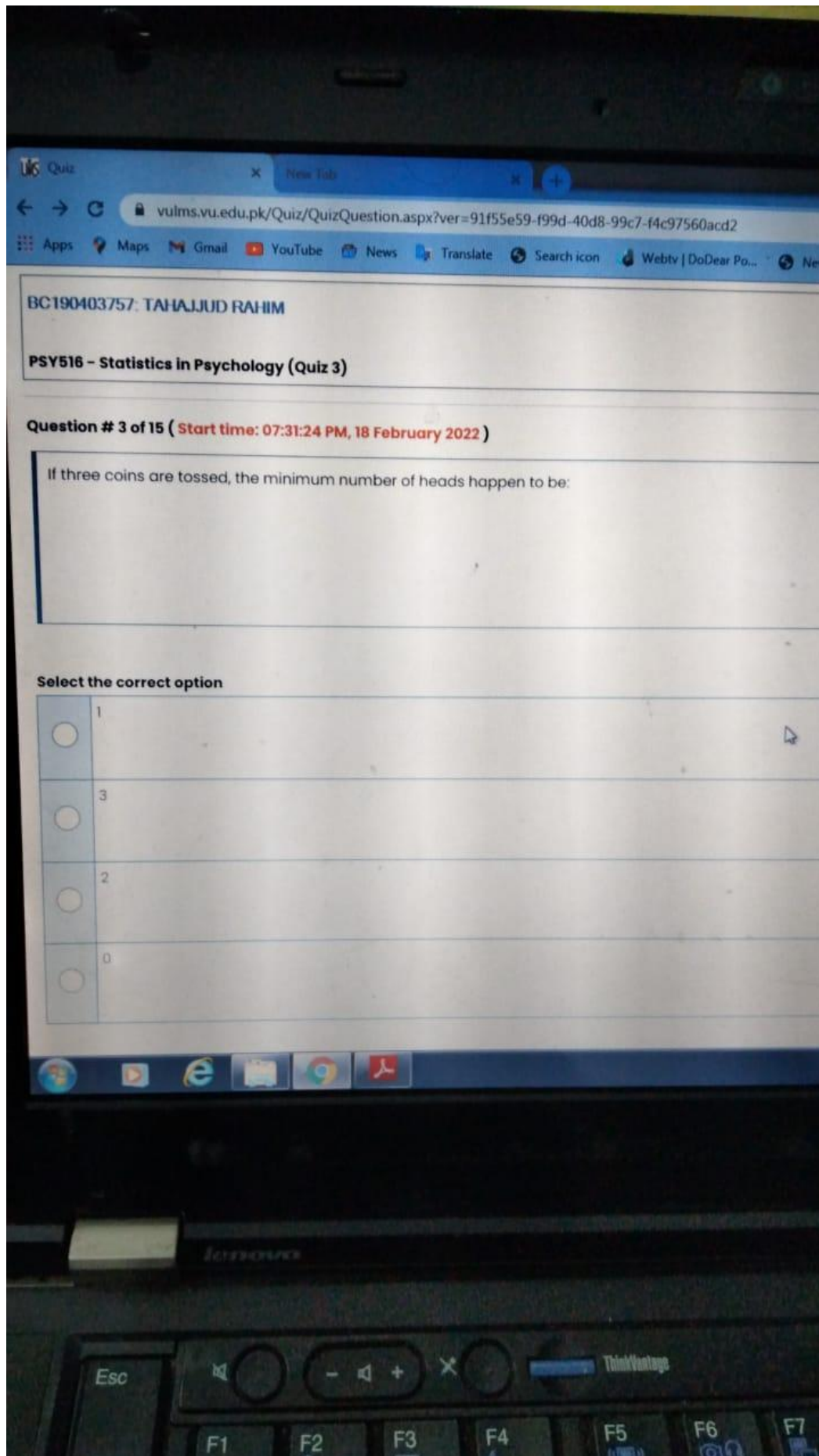


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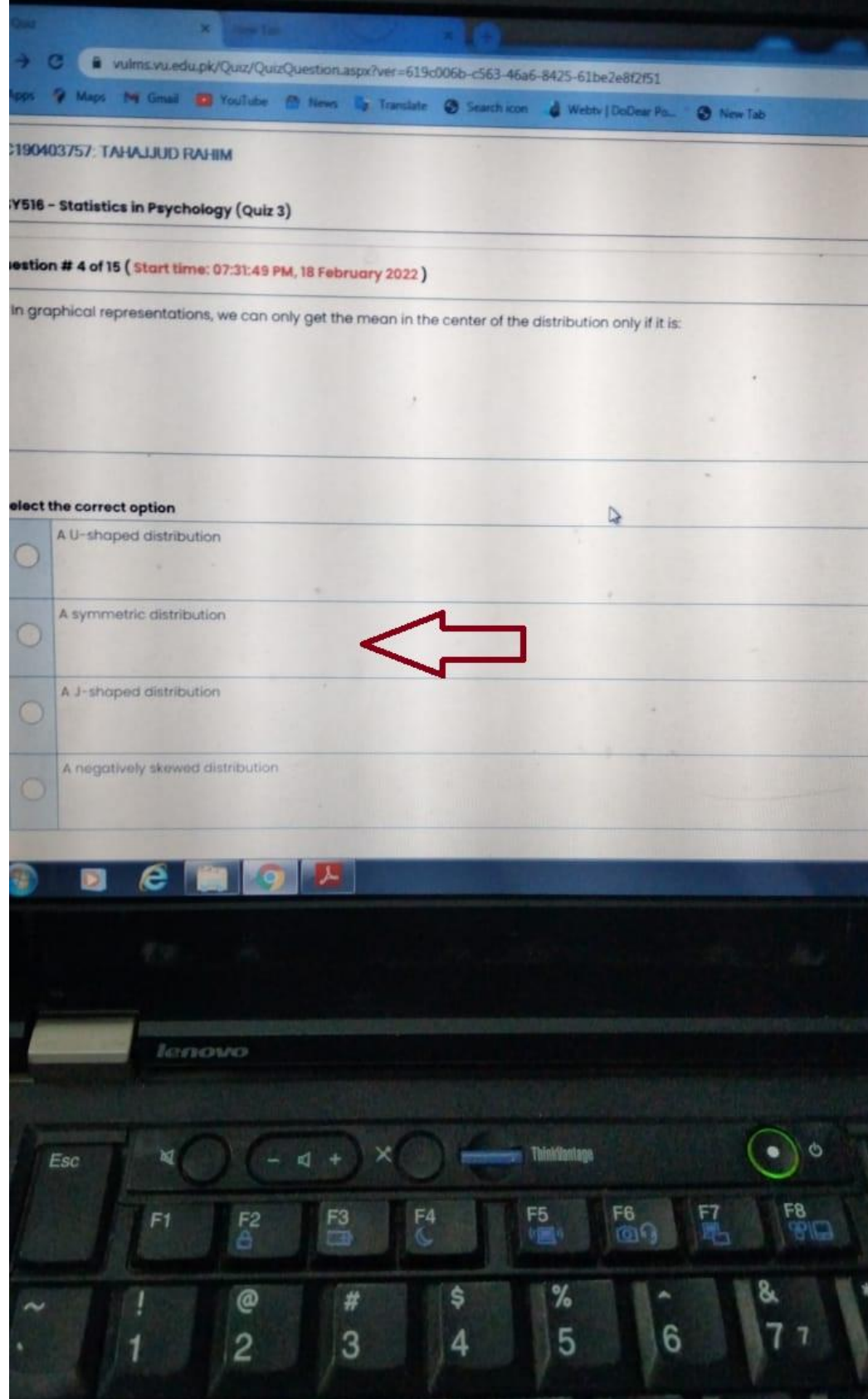
NOT
CONFIRM

PSY516 QUIZ 3 FOR FINAL TERM

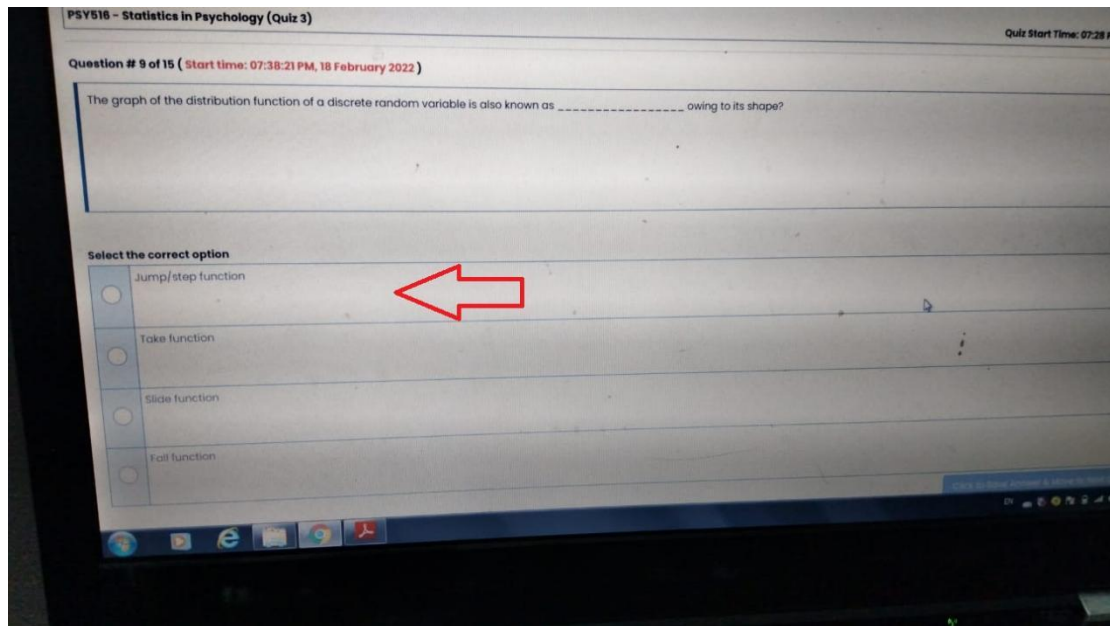


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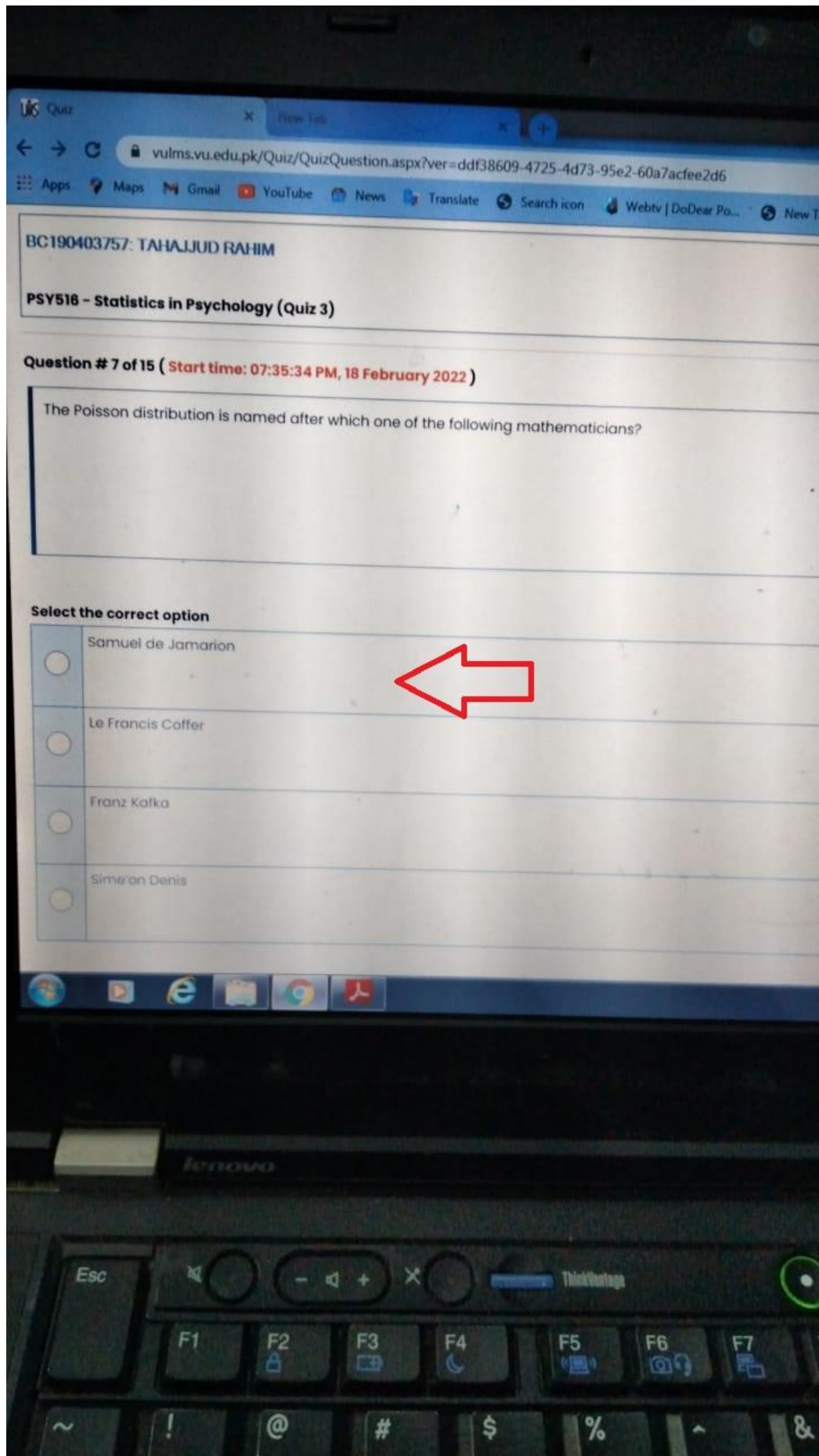


PSY516 QUIZ 3 FOR FINAL TERM

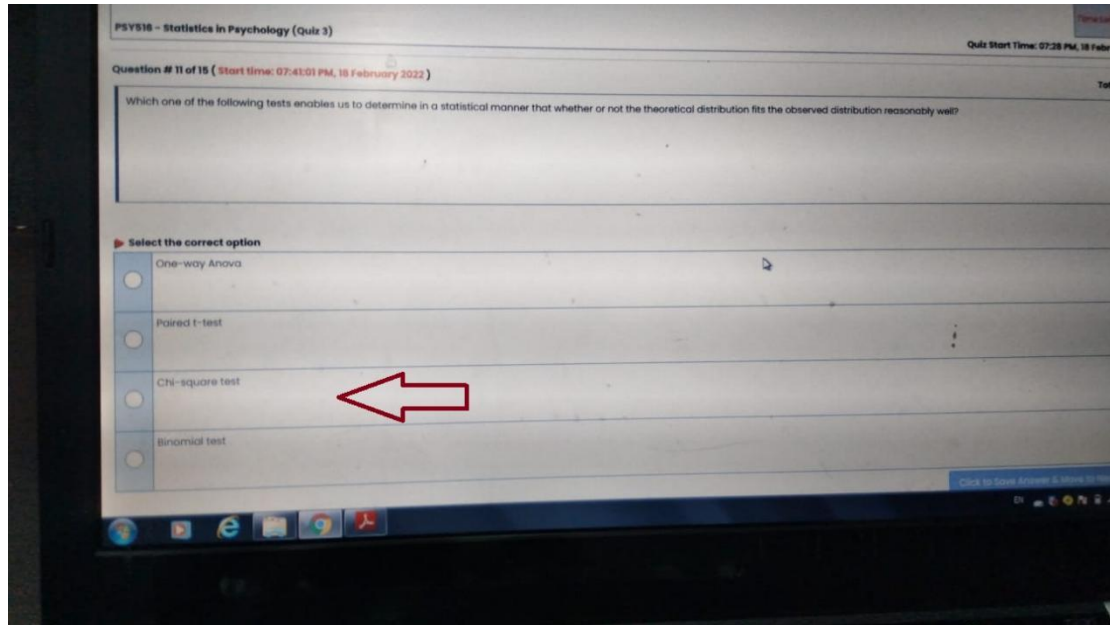


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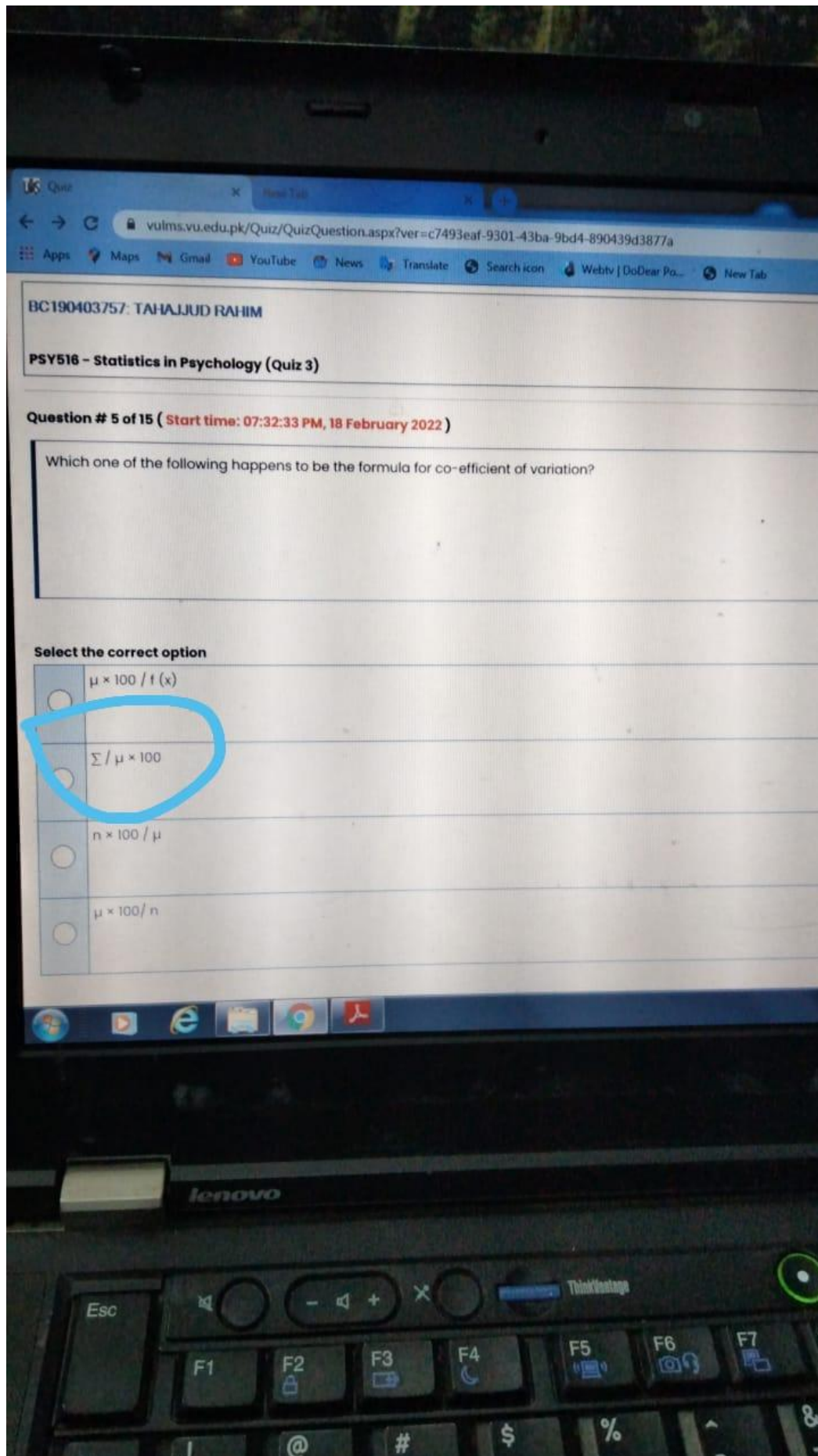
PSY516 QUIZ 3 FOR FINAL TERM



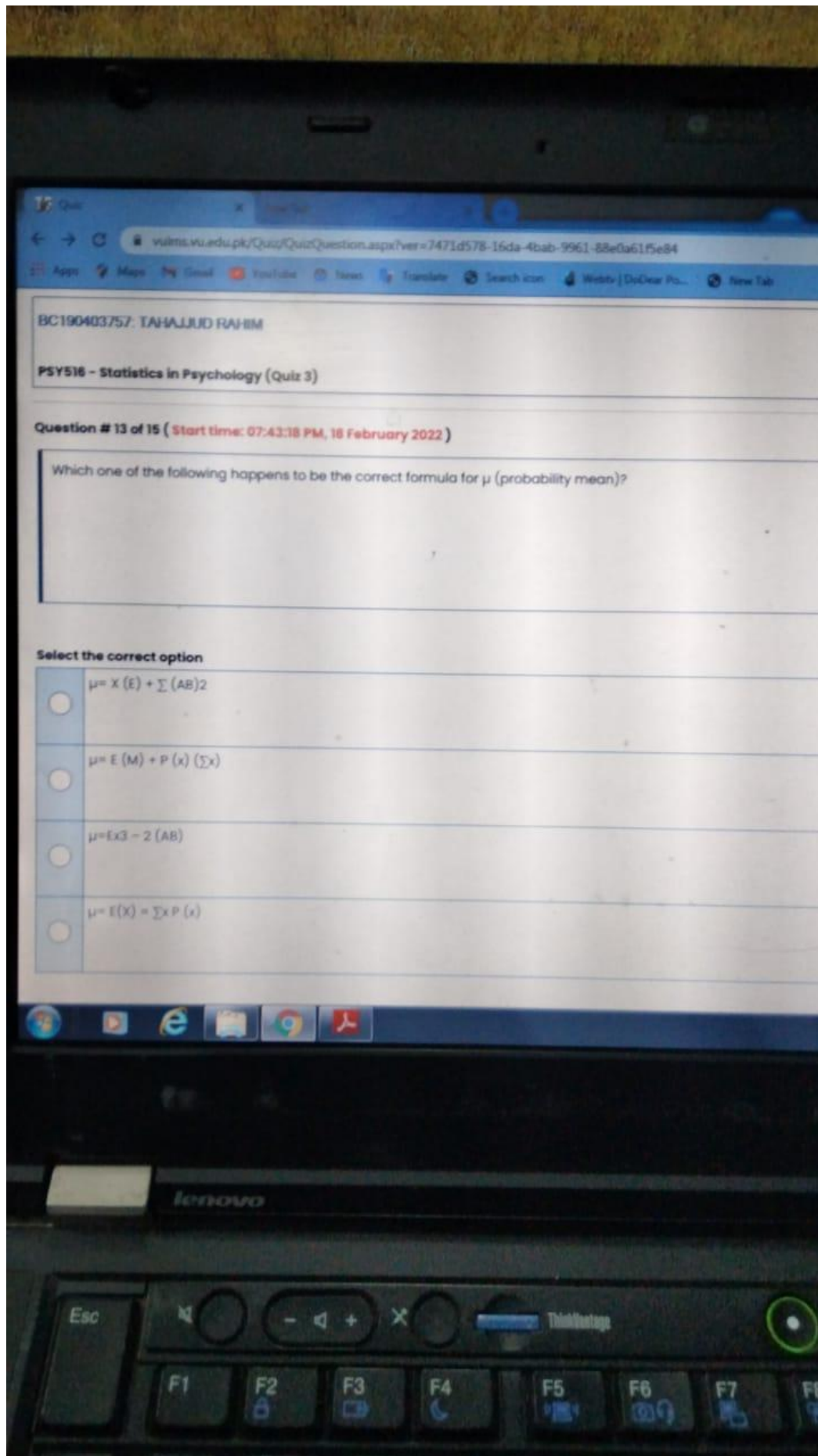
PSY516 QUIZ 3 FOR FINAL TERM



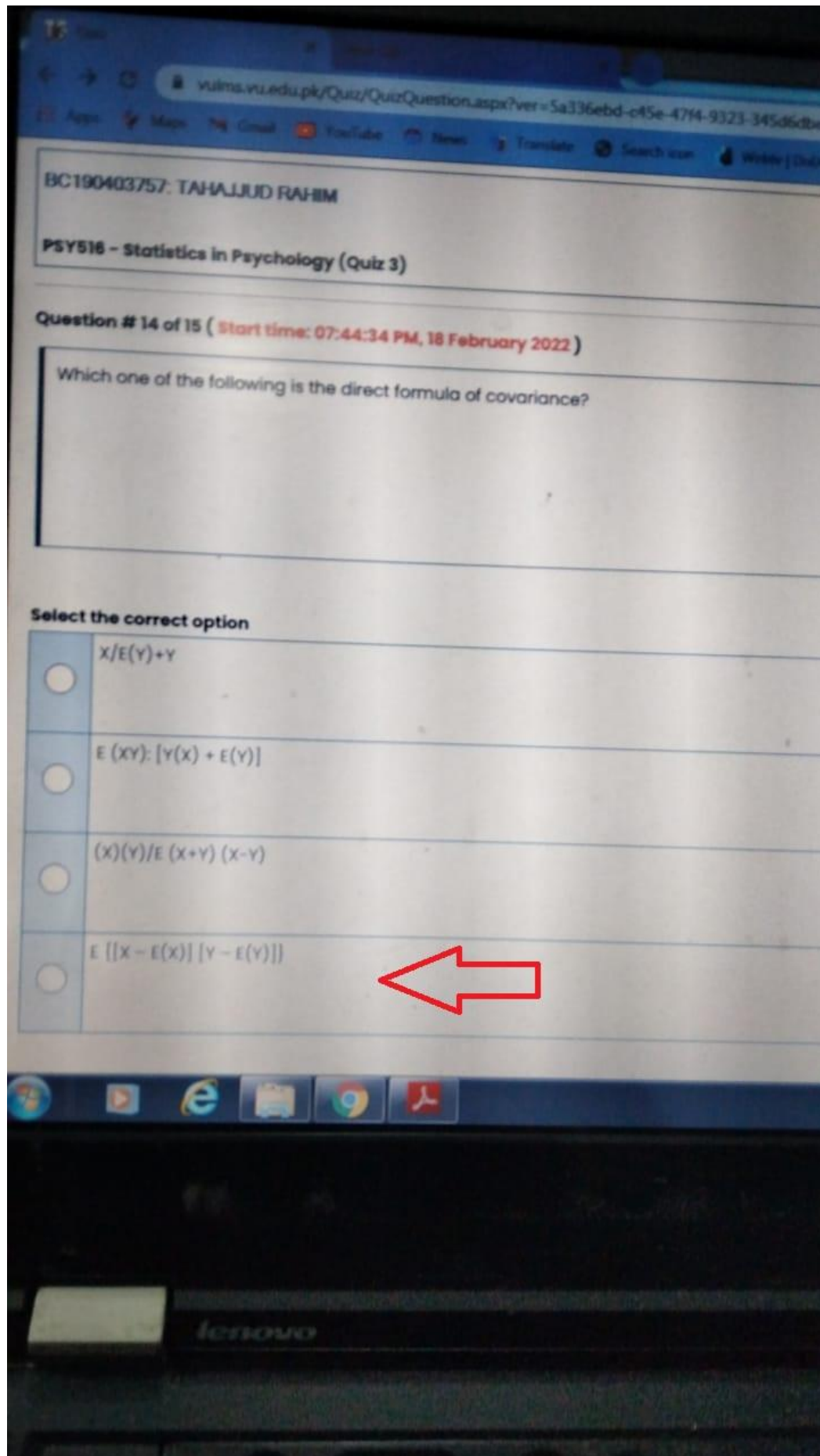
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PSY516 QUIZ 3 FOR FINAL TERM



PSY516 QUIZ 3 FOR FINAL TERM



PSY516 QUIZ 3 FOR FINAL TERM

Quiz

vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=db669e08-56bb-4c13-ab21-476ae5785e3

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

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Quiz

vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=dfa748e1-53fc-4bcd-8ff7-288081689c01

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., $P(10 \leq X \leq 15)$?

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Select the correct option

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


← → ↻ vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=fbe47b79-e8d2-444f-9ec4-b01ec49a

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

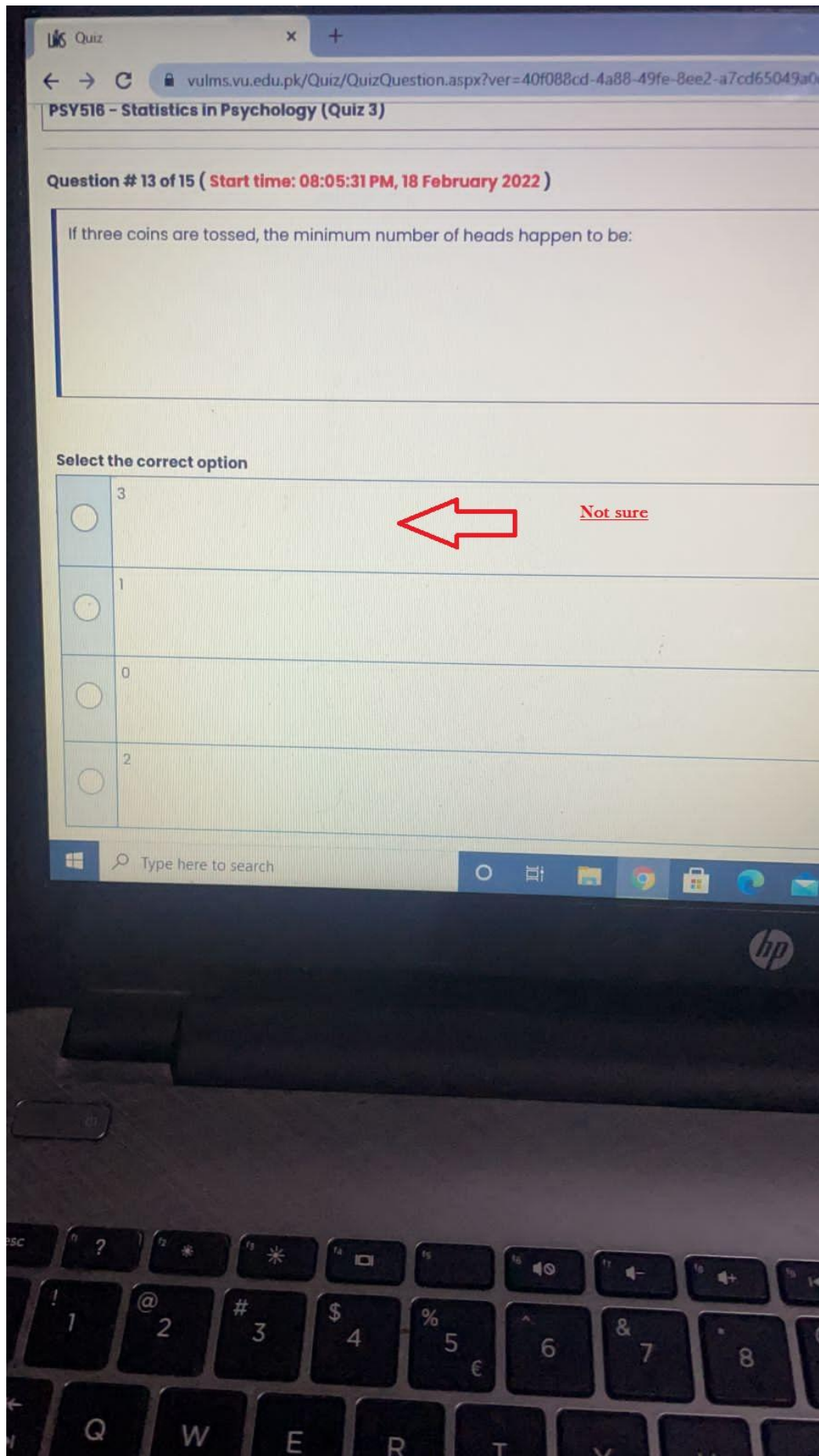


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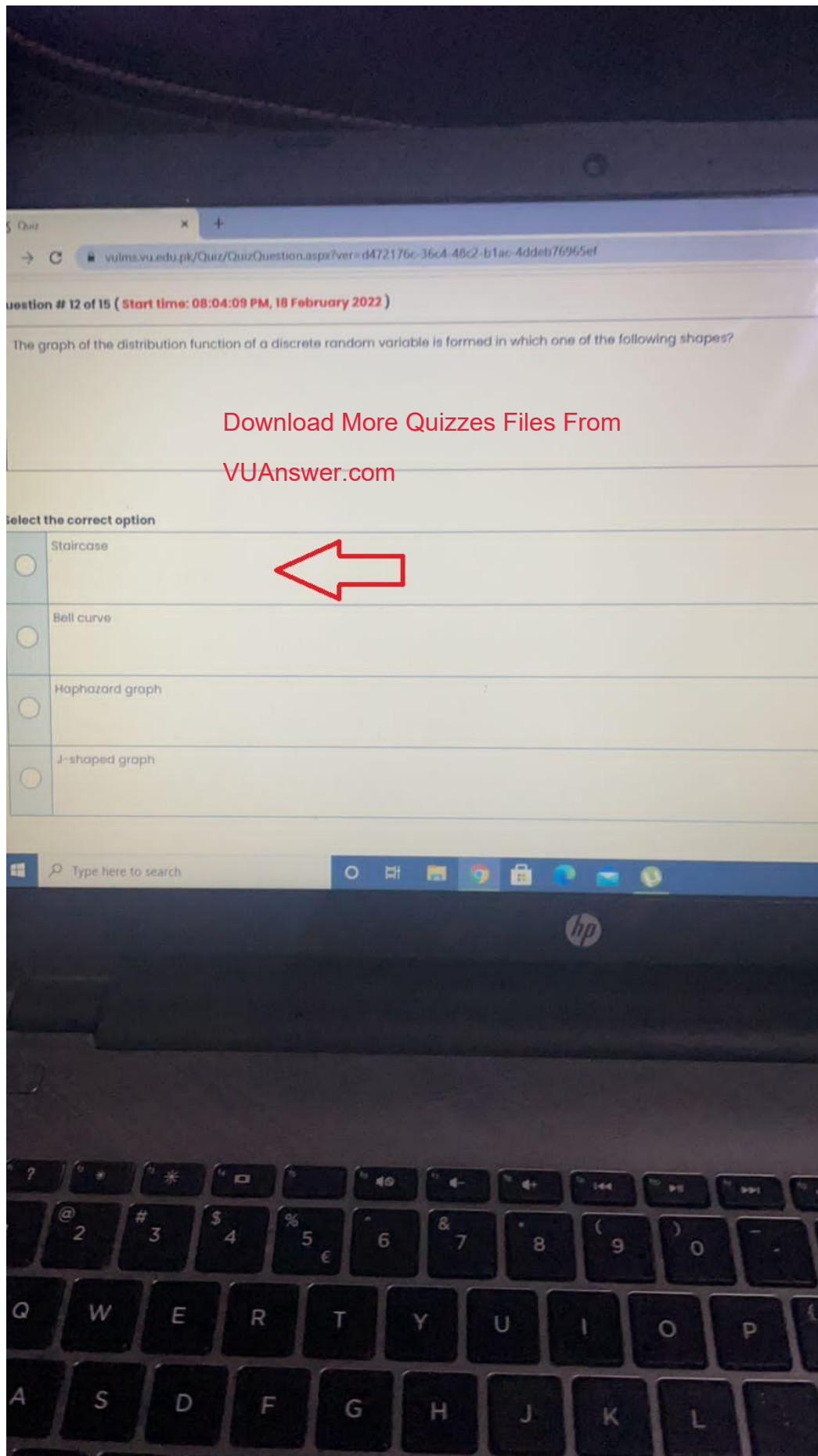
hp

1 2 3 4 5

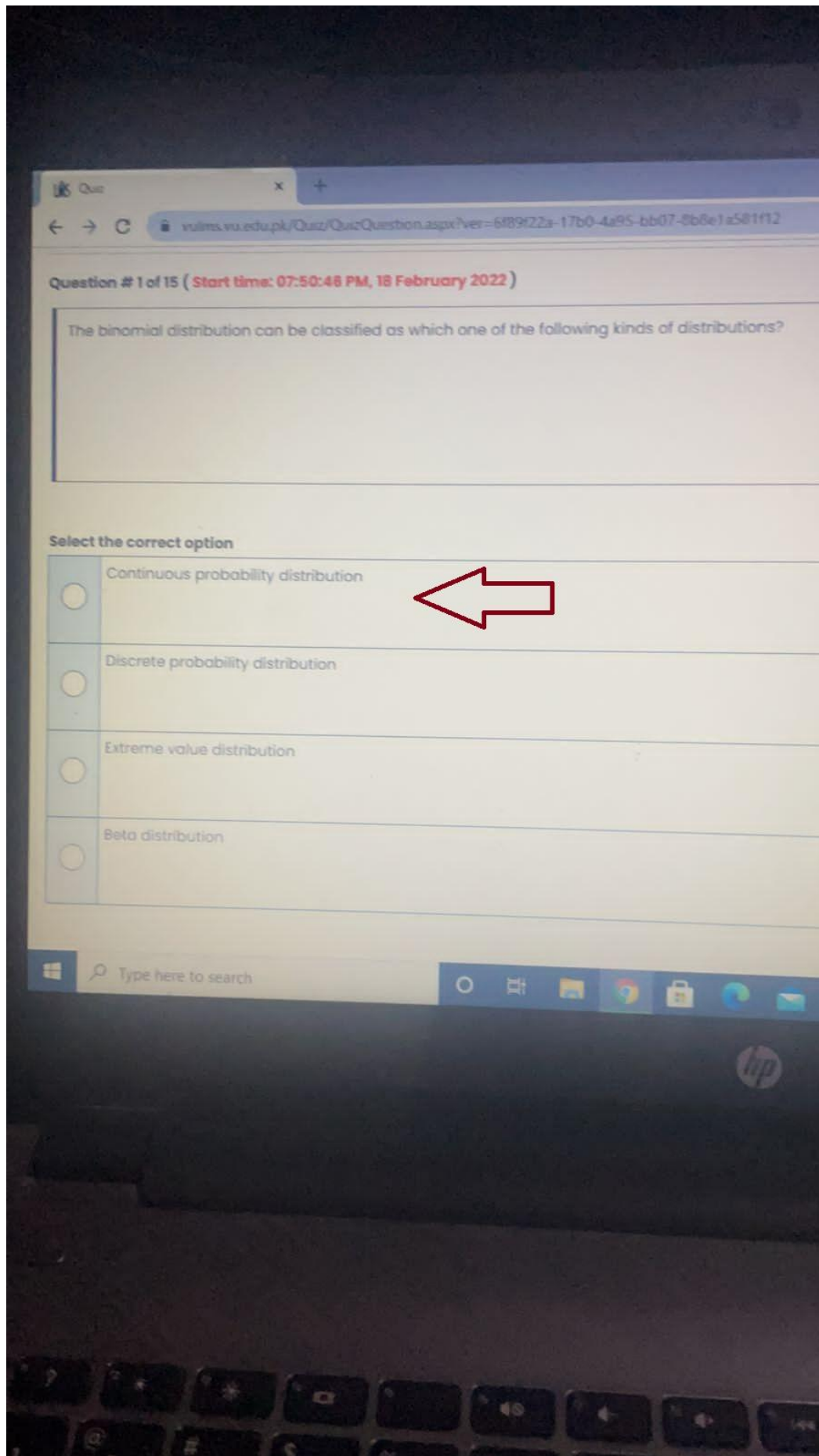
PSY516 QUIZ 3 FOR FINAL TERM



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: 06:12:30 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: 06:12:30 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


vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=3cd4fad6-dc6b-419a-a4cb-db82bb953d15

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

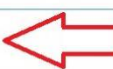
vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=3e898f42-076e-44df-bb9a-eeeb223e8a04

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

The image shows two screenshots of a web browser displaying a quiz. The first screenshot shows Question # 9 of 15, which asks for the difference in probabilities between an event A and its complement A-bar. The second screenshot shows Question # 10 of 15, which asks for the direct formula of covariance. Both screenshots show a list of options with radio buttons.

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, 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

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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

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


8) WhatsApp x Quiz x +

vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=ea1034b5-a200-41e2-bd2e-4a4d86880c1f

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


- $(x) F$
- $F(x)$ 
- 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

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

8:29 PM 2/18/2022

PSY516 QUIZ 3 FOR FINAL TERM

8:24

4G 90%



vulms.vu.edu.pk/Quiz/Qui;



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%



vulms.vu.edu.pk/Quiz/Qui

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

8:26

4G 89%



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1



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Time Left 89 sec(s)

PSY516 - Statistics in Psychology (Quiz 3)

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

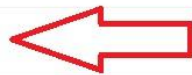
Question # 4 of 15 (start time: 08:26:31 PM, 18 February 2022)

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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1



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

$\mu = 4$

$\mu = 2$

$\mu < 1$

$\mu > 0$

Click to Save Answer & Move to Next Question

PSY516 QUIZ 3 FOR FINAL TERM

8:31

4G 89%



vulms.vu.edu.pk/Quiz/Qui:

1



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)

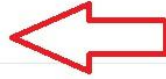
Total Marks: 1

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

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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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1



BC210420395: AYESHA BATOOL ZAFAR

Time Left 85 sec(s)

PSY516 - Statistics in Psychology (Quiz 3)

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

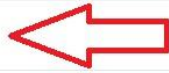
Question # 10 of 15 (start time: 08:36:09 PM, 18 February 2022)

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

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

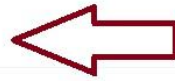
Question # 11 of 15 (start time: 08:37:51 PM, 18 February 2022)

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%



vulms.vu.edu.pk/Quiz/Qui;

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

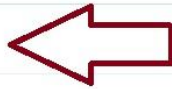
Question # 12 of 15 (start time: 08:39:17 PM, 18 February 2022)

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

4G 87%



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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       

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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 # 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       

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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

The screenshot shows a mobile application interface for a quiz. At the top, the status bar displays the time 8:58, signal strength, Wi-Fi, and battery icons. Below the status bar, the app header includes a close button (X), a lock icon, the text "Quiz vulms.vu.edu.pk", a bookmark icon, a share icon, and a menu icon (three dots). The main content area shows the user ID "BC210418132: AFSHEEN IMTIAZ" and a "Time Left" indicator of 88 seconds. The quiz title is "PSY516 - Statistics in Psychology (Quiz 3)" with a start time of "08:46 PM, 18 February 2022". The current question is "Question # 11 of 15 (start time: 08:58:24 PM, 18 February 2022)" with "Total Marks: 1". The question text is "The full form of p.d.f is:". Below the question is a list of four options, each with a radio button: "Population density function", "Preface dimension function", "Probability density function", and "Prime distribution function". A red arrow points to the "Probability density function" option. At the bottom right of the options list is a button that says "Click to Save Answer & Move to Next Question". The bottom of the screen shows the Android navigation bar with the home, back, and recent apps buttons.

PSY516 QUIZ 3 FOR FINAL TERM

8:59       

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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

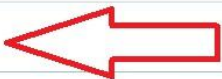
Question # 12 of 15 (Start time: 08:58:56 PM, 18 February 2022) Total Marks: 1

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](#)








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PSY516 QUIZ 3 FOR FINAL TERM

9:00       

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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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00130400674 FATOHA KHANUM

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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Home - Statistics in Psychology (Quiz 3)

Quiz 3 (Start time: 09:28:53 PM, 18 February 2022)

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

T

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



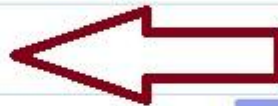
A J-shaped distribution



A U-shaped distribution



A symmetric distribution



Click to Save Answer & Move to Next Q



PSY516 QUIZ 3 FOR FINAL TERM



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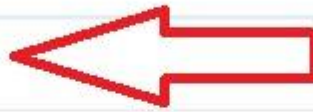


Question # 13 of 15 (Start time: 09:32:13 PM, 18 February 2022)

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)

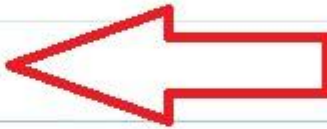
Quiz Start Time: 05

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



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89

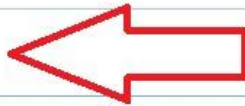


Question # 1 of 15 (Start time: 09:57:04 PM, 18 February 2022)

$f(x, y) > 0$ 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



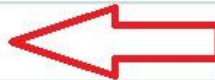
Question # 4 of 15 (Start time: 09:38:40 PM, 18 February 2022)

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

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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

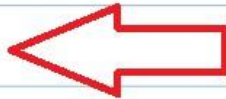


Question # 11 of 15 (Start time: 09:44:37 PM, 18 February 2022)

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

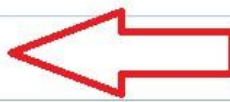


Question # 15 of 15 (Start time: 09:49:09 PM, 18 February 2022)

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

Select the correct option

- 1890
- 1837
- 1678
- 1765



Click to Save Answer & M

