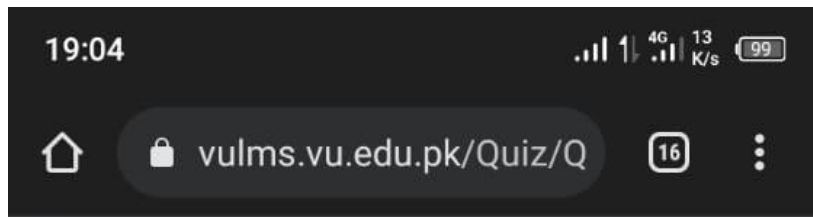


## PSY516 QUIZ 3 FOR FINAL TERM



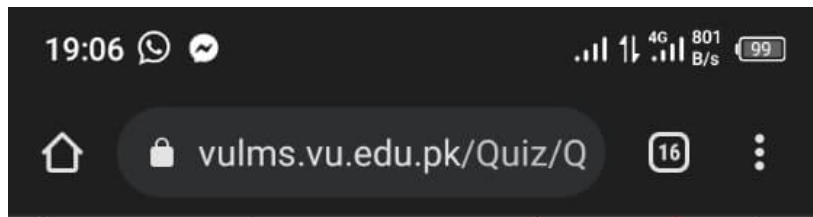
If three coins are tossed, the minimum number of heads happen to be:

Select the correct option

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

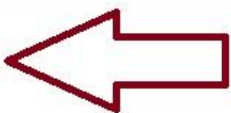


## PSY516 QUIZ 3 FOR FINAL TERM



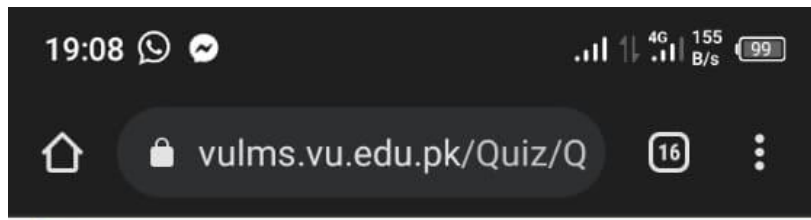
Which one of the following is the direct formula of covariance?

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

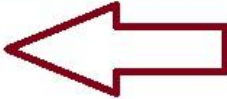


## PSY516 QUIZ 3 FOR FINAL TERM




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

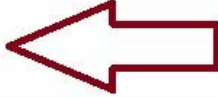
19:09  4G 2.1 K/s 99

 [vulms.vu.edu.pk/Quiz/Q](https://vulms.vu.edu.pk/Quiz/Q) 16 

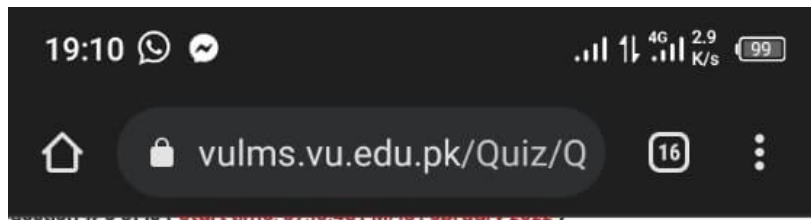
The binomial distribution can be classified as which one of the following kinds of distributions:

**Select the correct option**

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

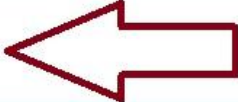


## PSY516 QUIZ 3 FOR FINAL TERM



Which one of the following happens to be the correct formula for  $\mu$  (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"/> | $\mu = x(E) + \sum (\sigma^2)$ |
-  **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 )

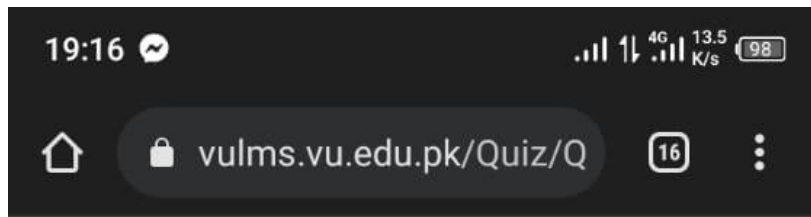
The covariance of a random variable with itself can be known as its:

Select the correct option

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

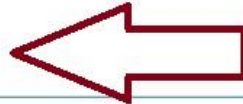


## PSY516 QUIZ 3 FOR FINAL TERM



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



## 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?



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%

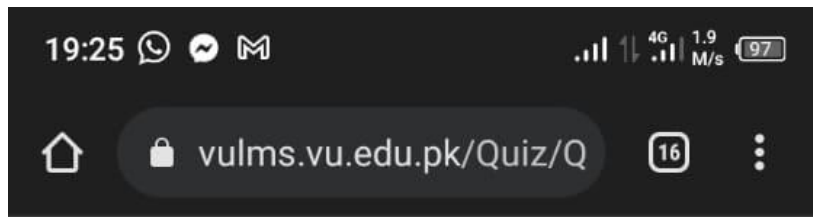
Which one of the following tests enables us to determine in a statistical manner that whether or not the theoretical distribution fits the observed distribution reasonably well?

**Select the correct option**

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



## PSY516 QUIZ 3 FOR FINAL TERM



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

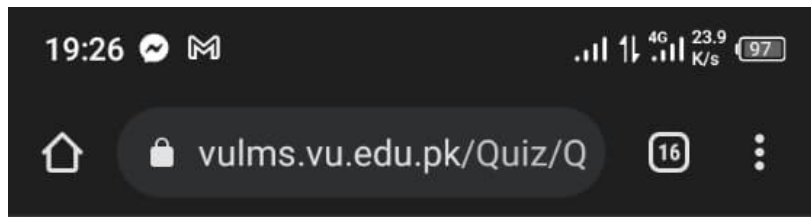
The binomial distribution will be skewed to the right in which one of the following cases?

Select the correct option

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



## PSY516 QUIZ 3 FOR FINAL TERM



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

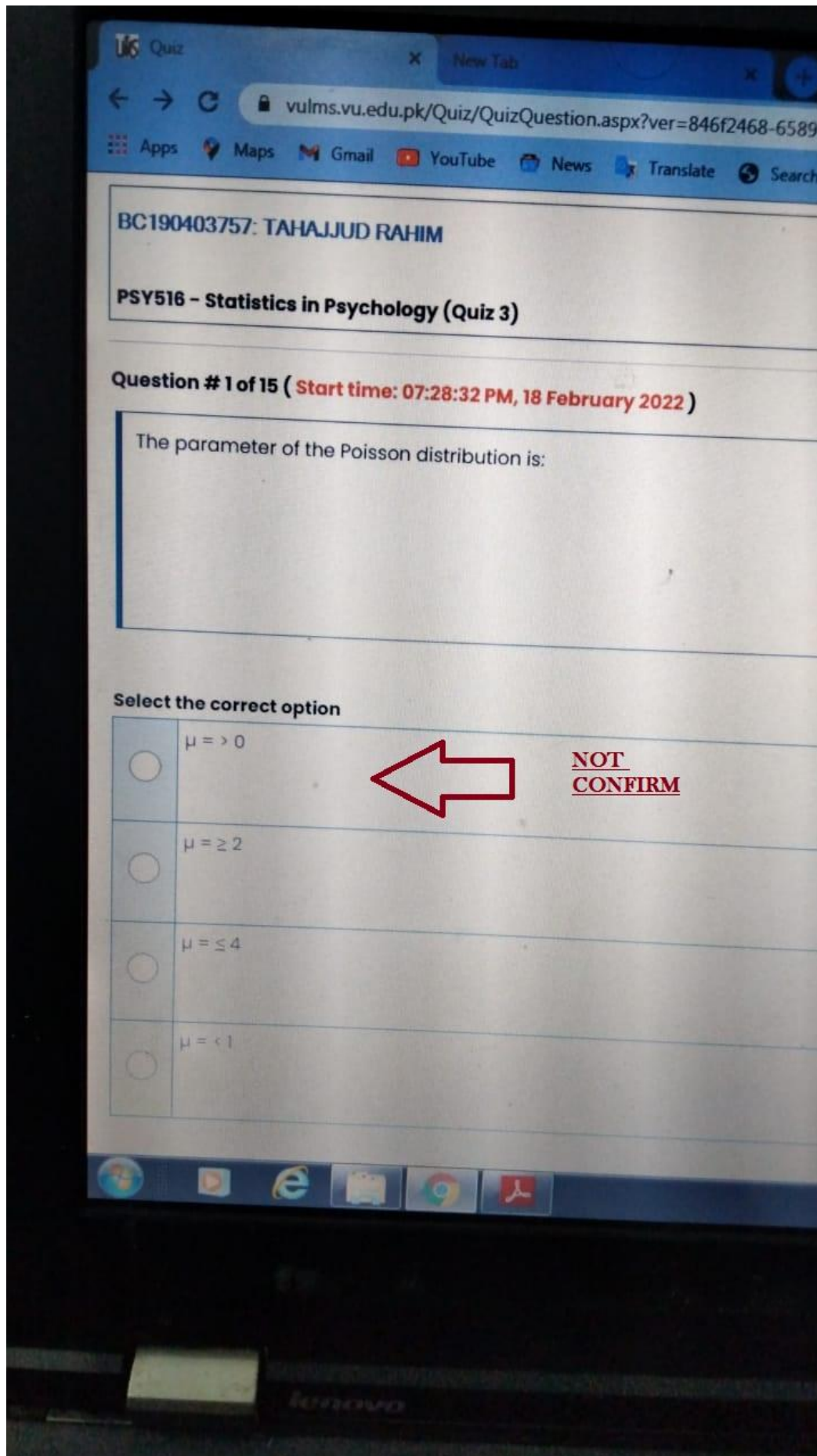
The equation  $E(XY) = E(X)E(Y)$  implies that X and Y are:

Select the correct option

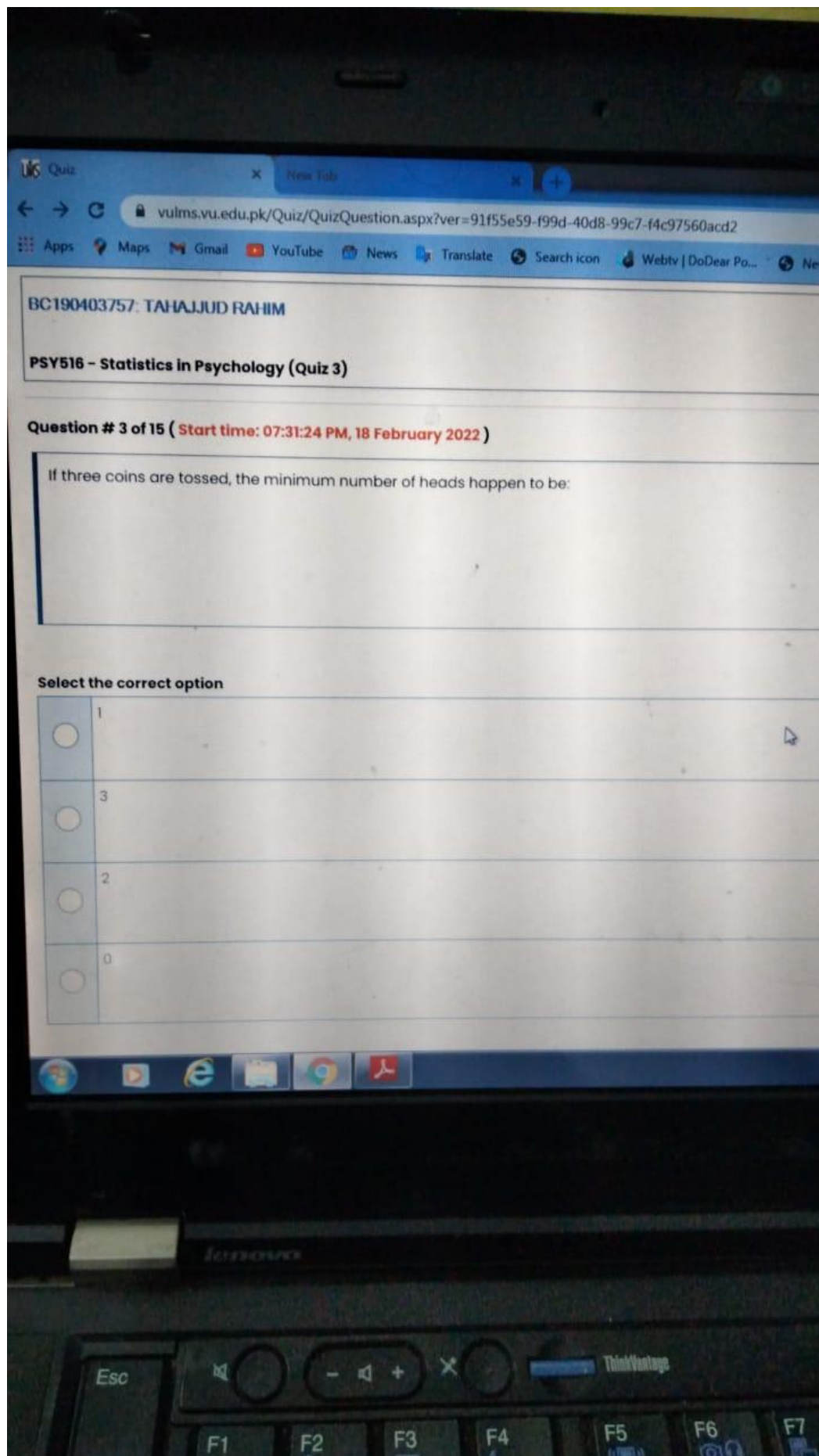
- |                       |                           |
|-----------------------|---------------------------|
| <input type="radio"/> | Statistically independent |
| <input type="radio"/> | Positively correlated     |
| <input type="radio"/> | Infinite variables        |
| <input type="radio"/> | Negatively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



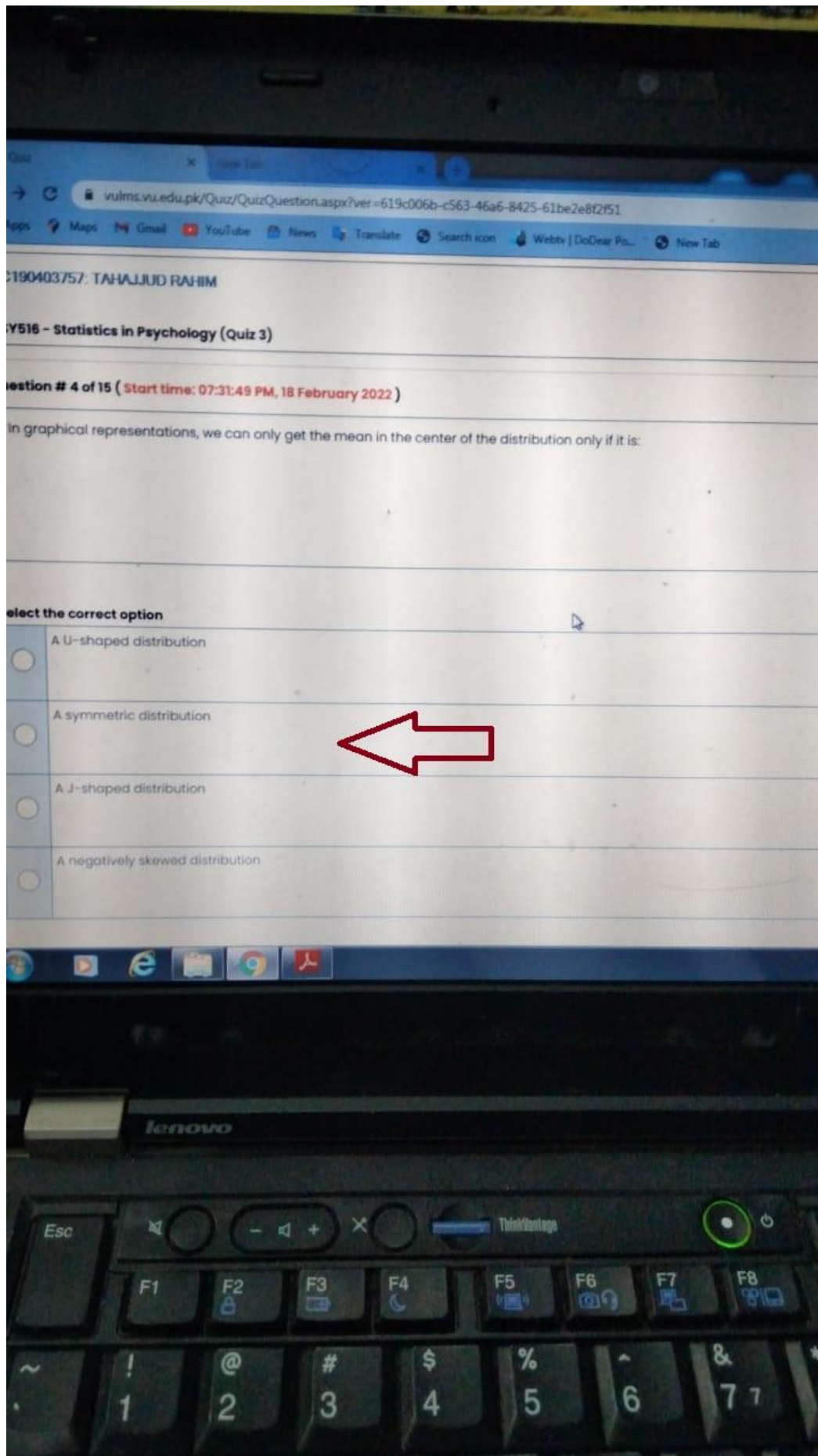
PSY516 QUIZ 3 FOR FINAL TERM



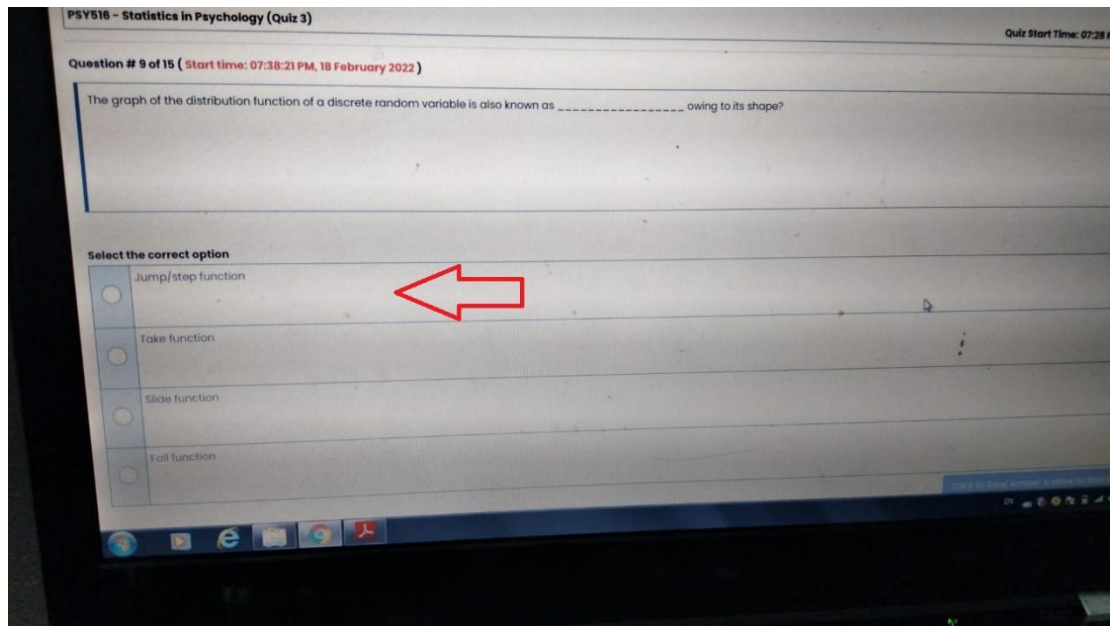
## PSY516 QUIZ 3 FOR FINAL TERM



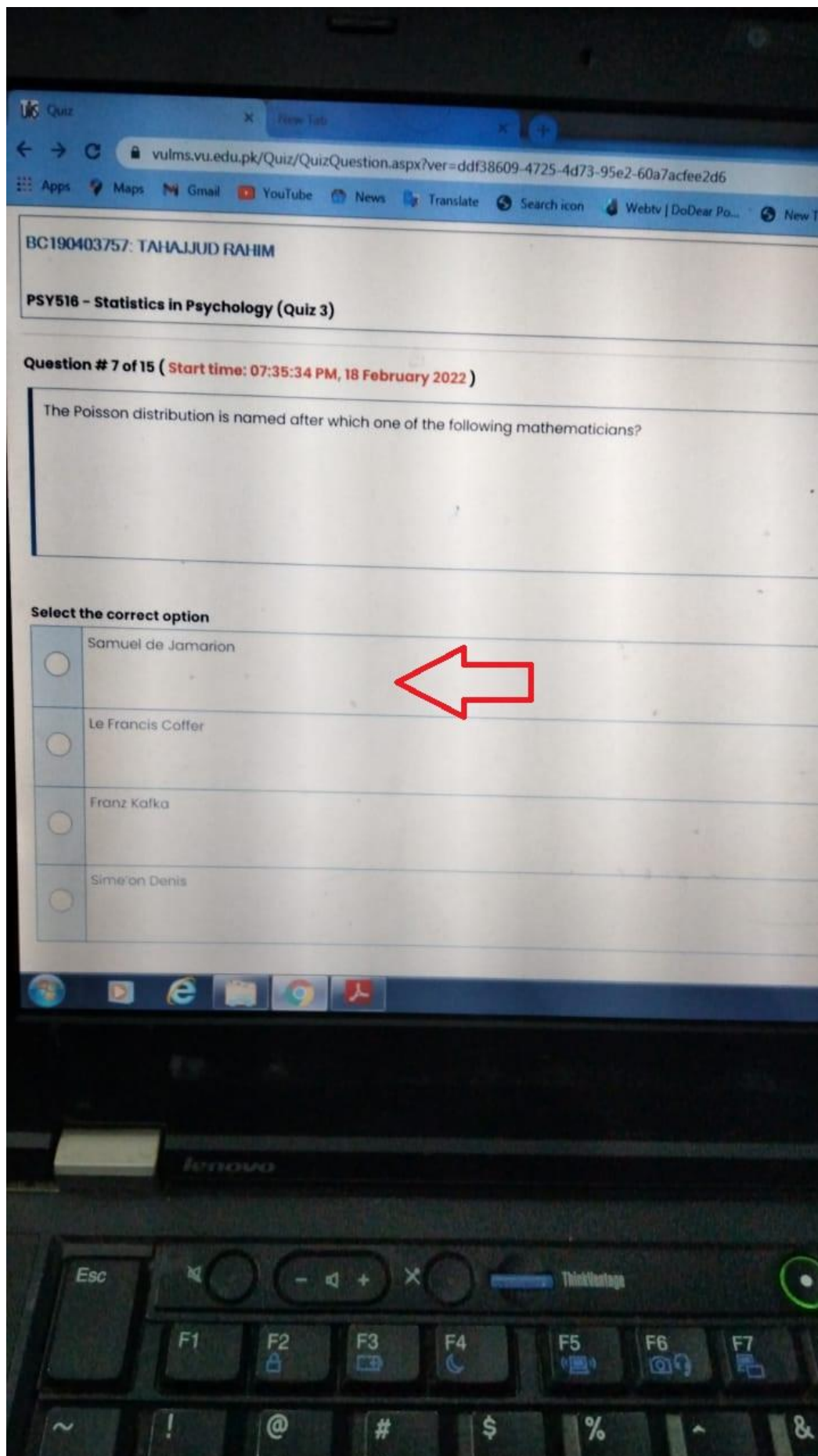
## PSY516 QUIZ 3 FOR FINAL TERM



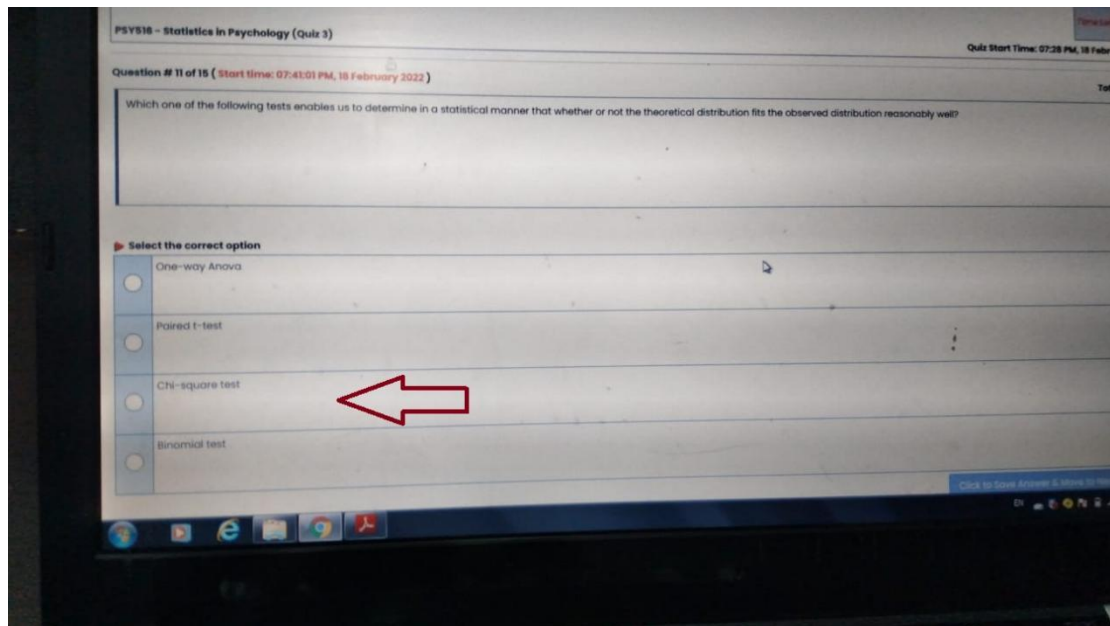
## PSY516 QUIZ 3 FOR FINAL TERM



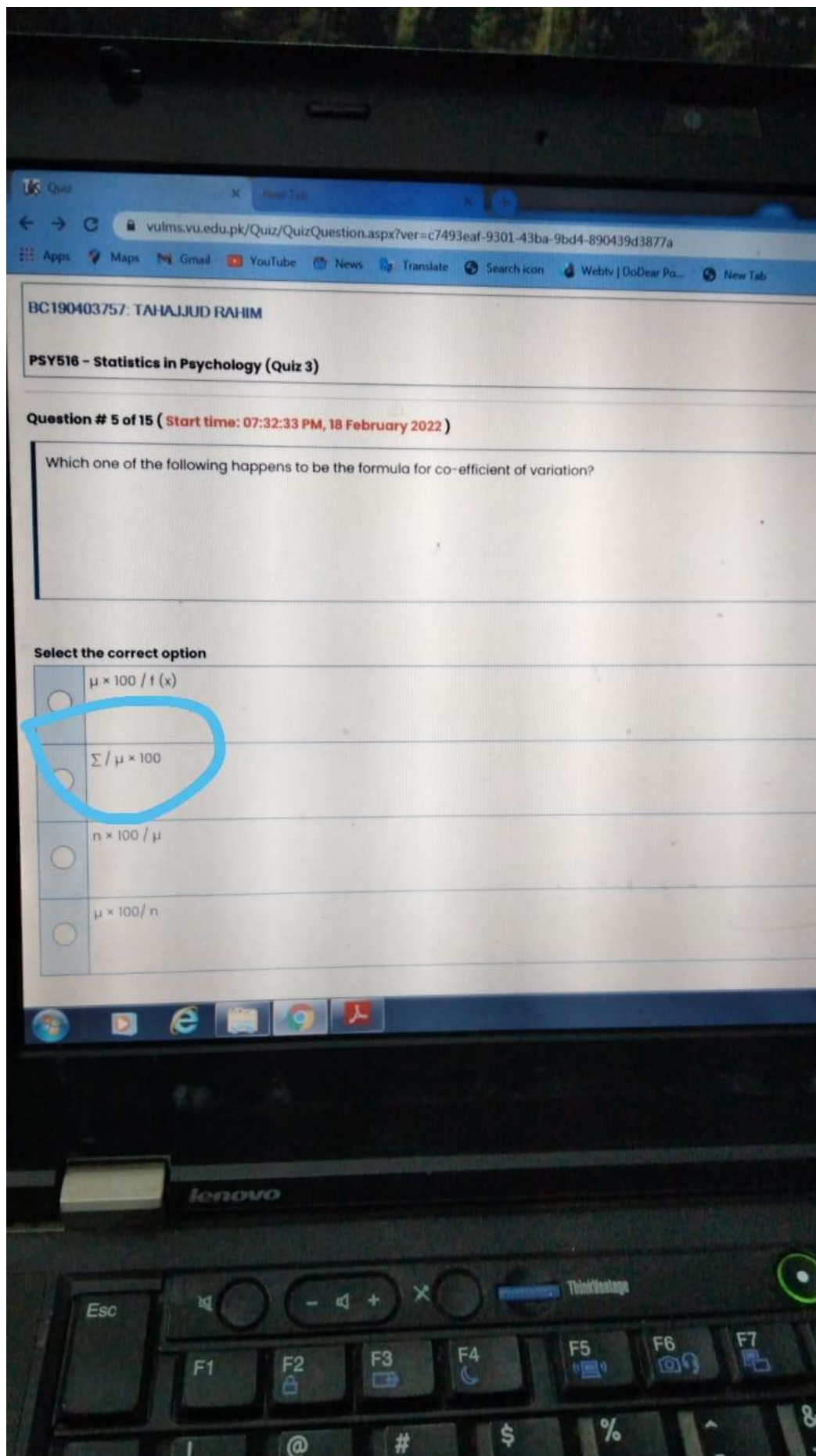
# PSY516 QUIZ 3 FOR FINAL TERM



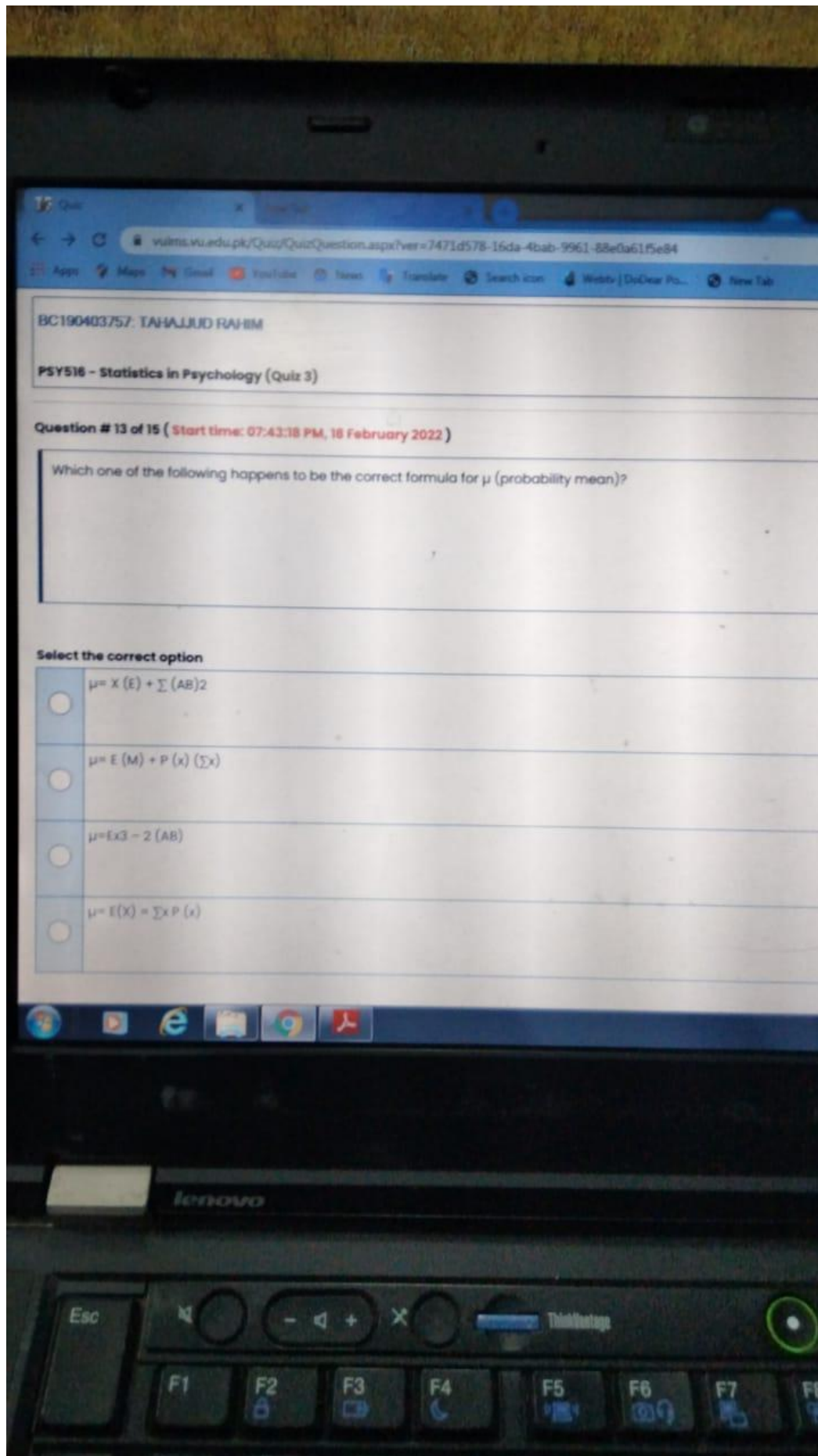
## PSY516 QUIZ 3 FOR FINAL TERM



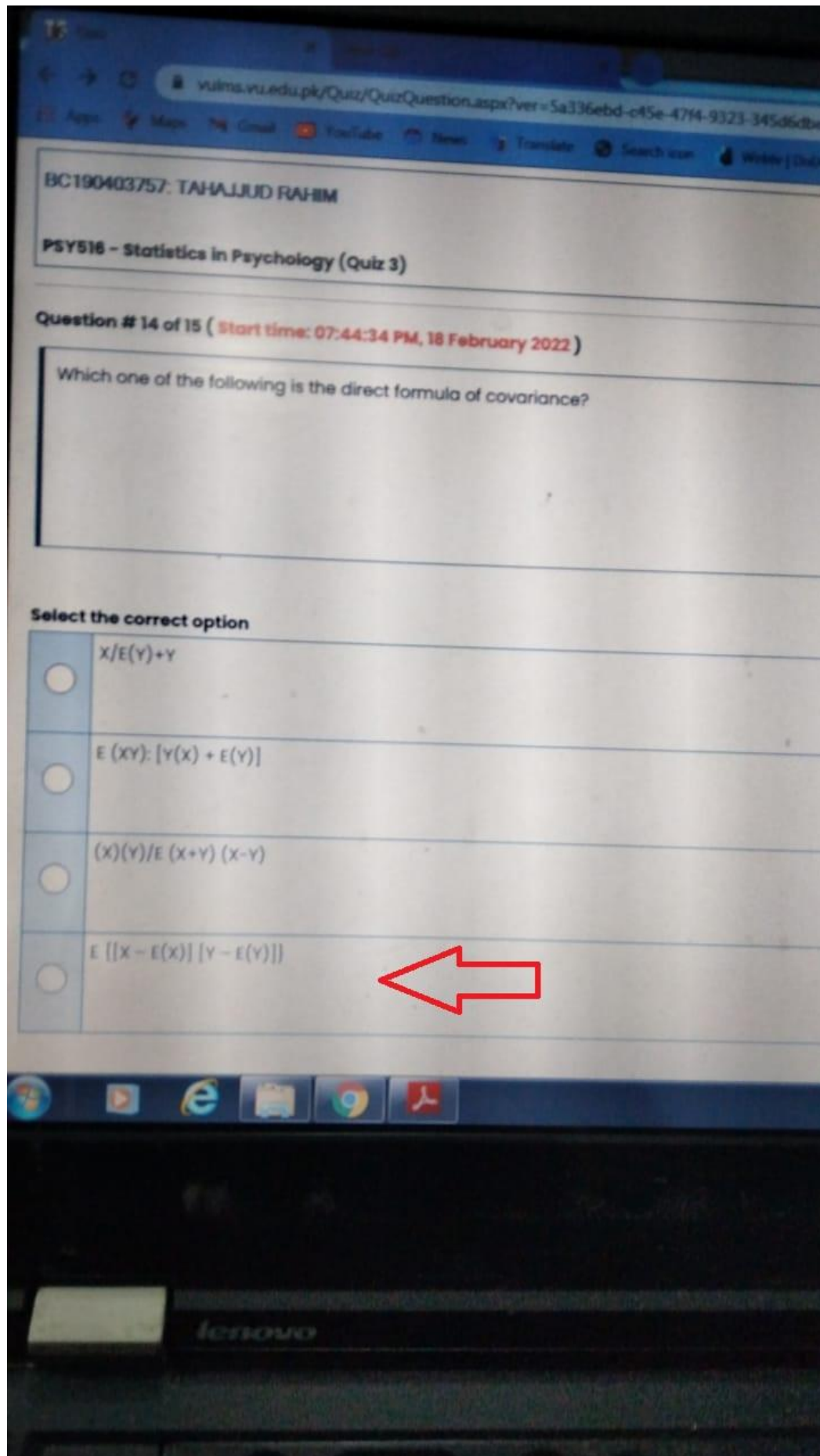
PSY516 QUIZ 3 FOR FINAL TERM



## 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:

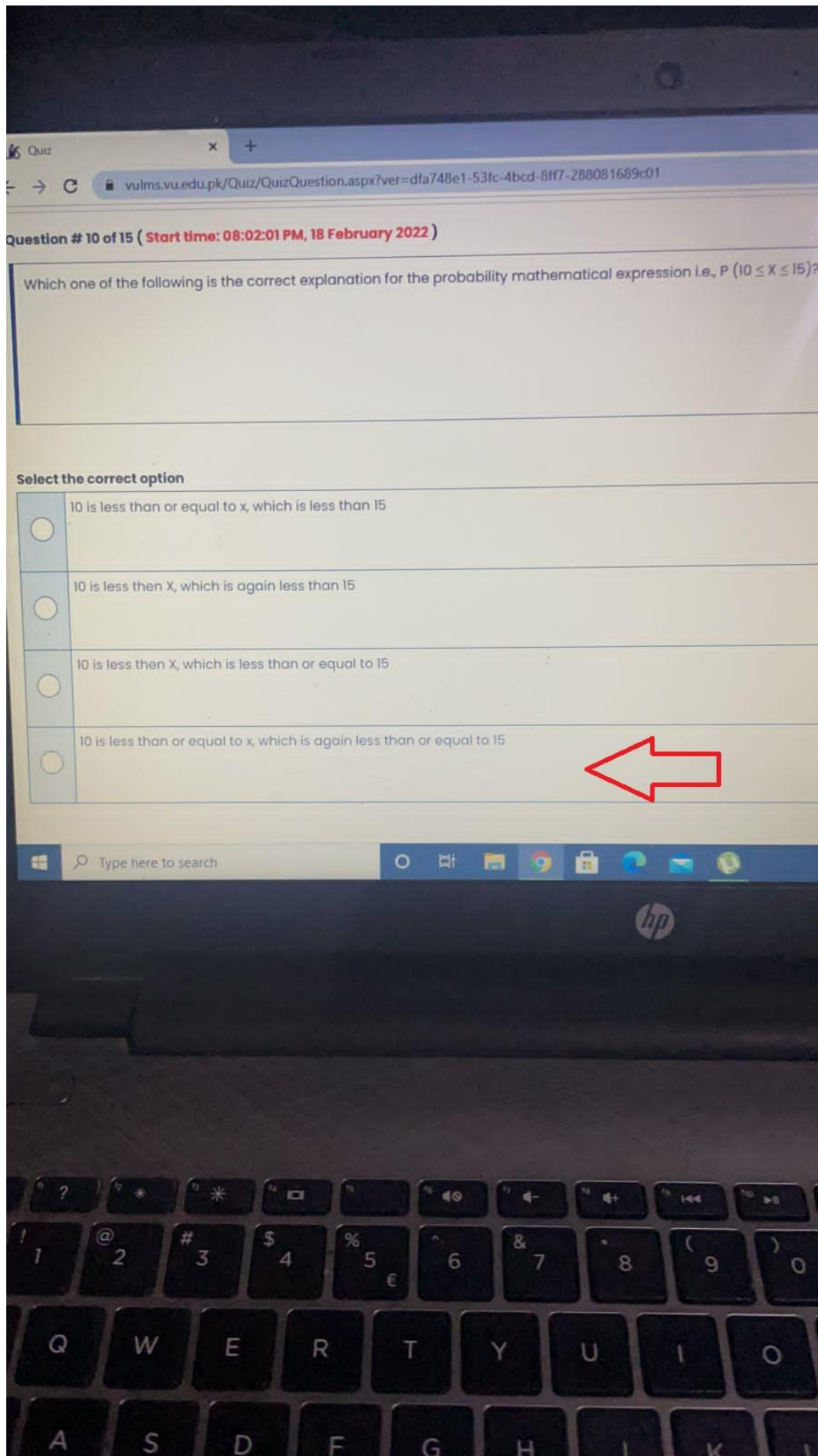
Select the correct option

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

Type here to search

hp

## PSY516 QUIZ 3 FOR FINAL TERM



## PSY516 QUIZ 3 FOR FINAL TERM

Quiz

vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=fbe47b79-e8d2-444f-9ec4-b01ec49...

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

The uniform distribution is also known as:

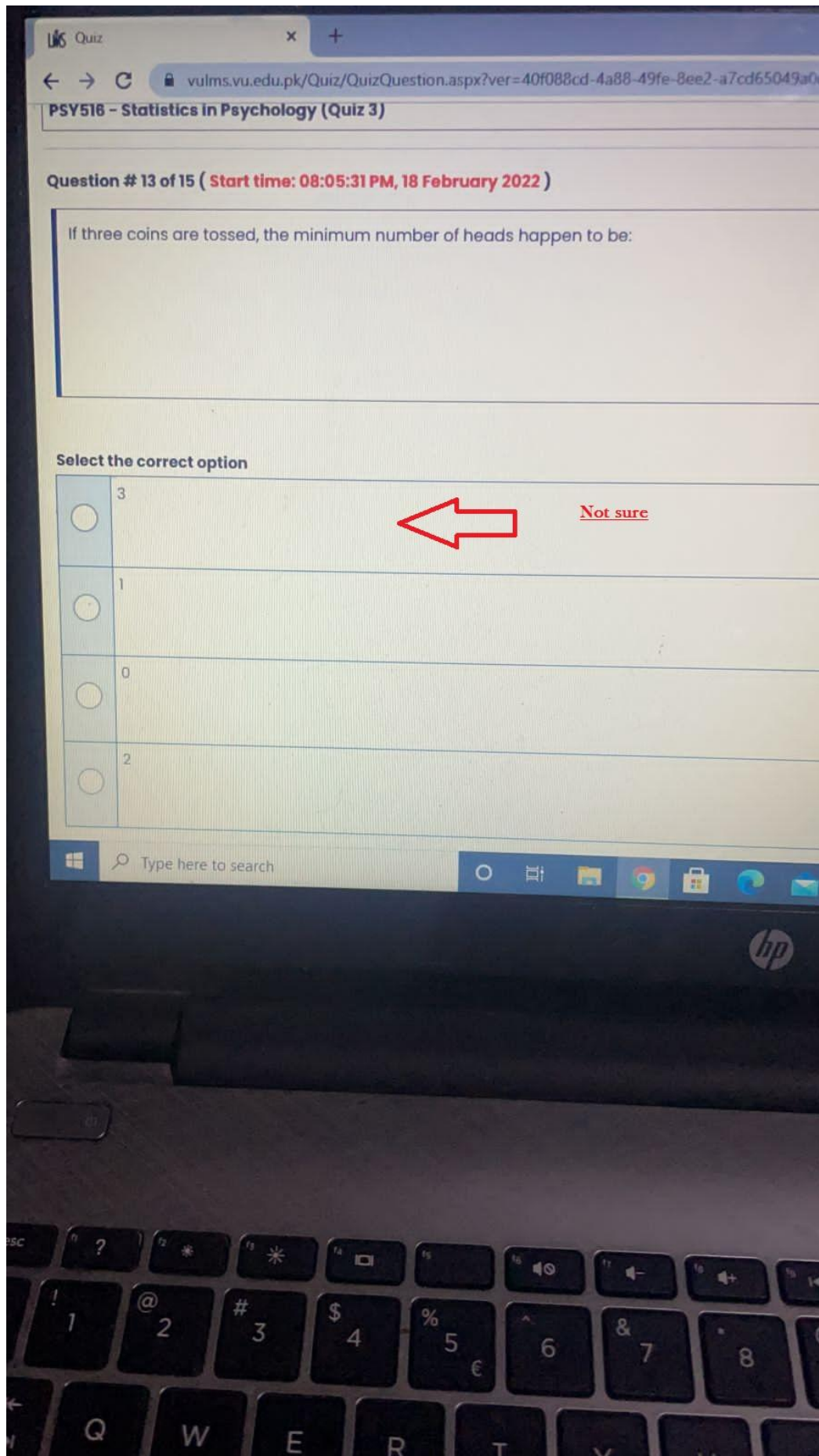
Select the correct option

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

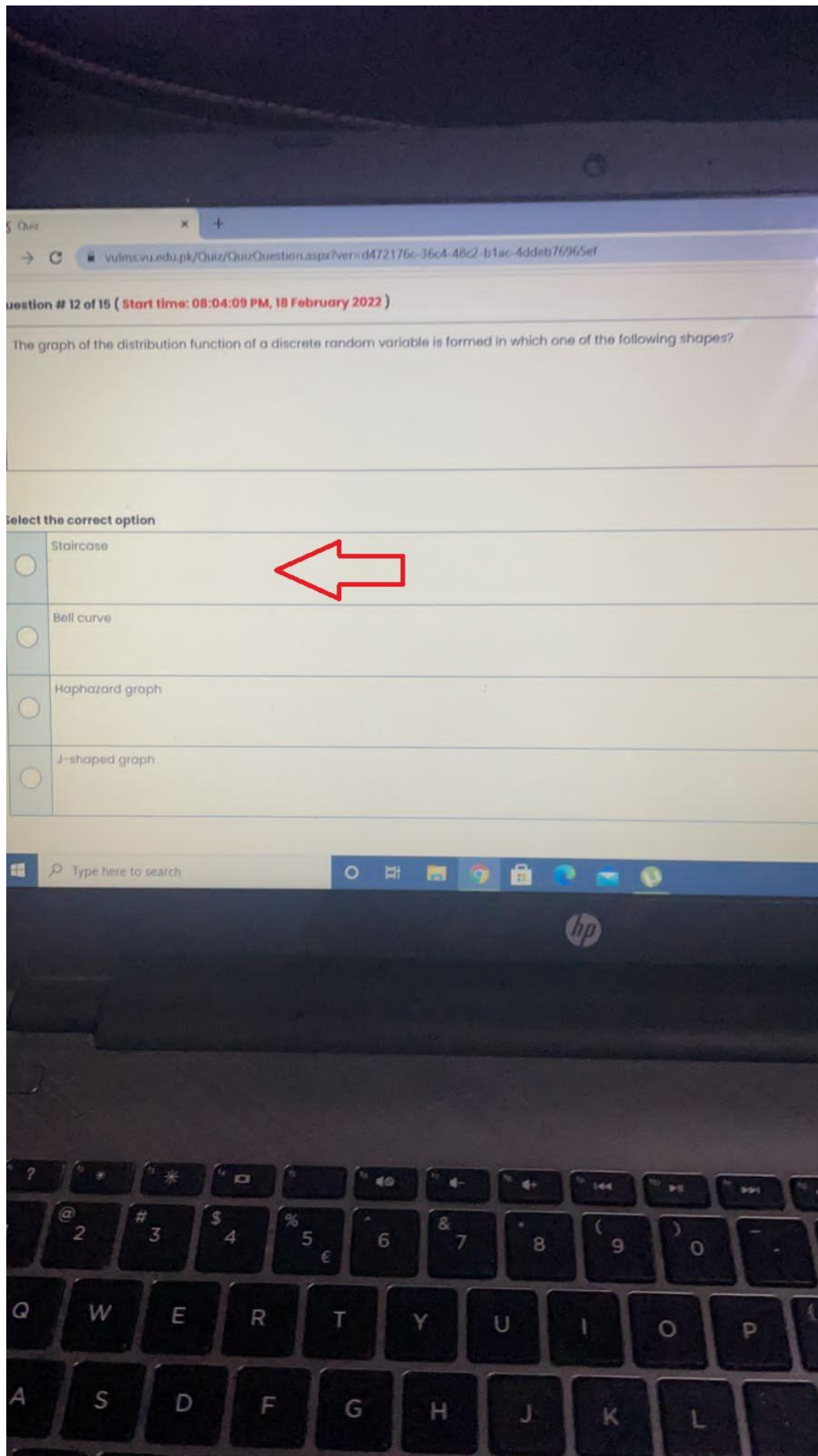
Type here to search

hp

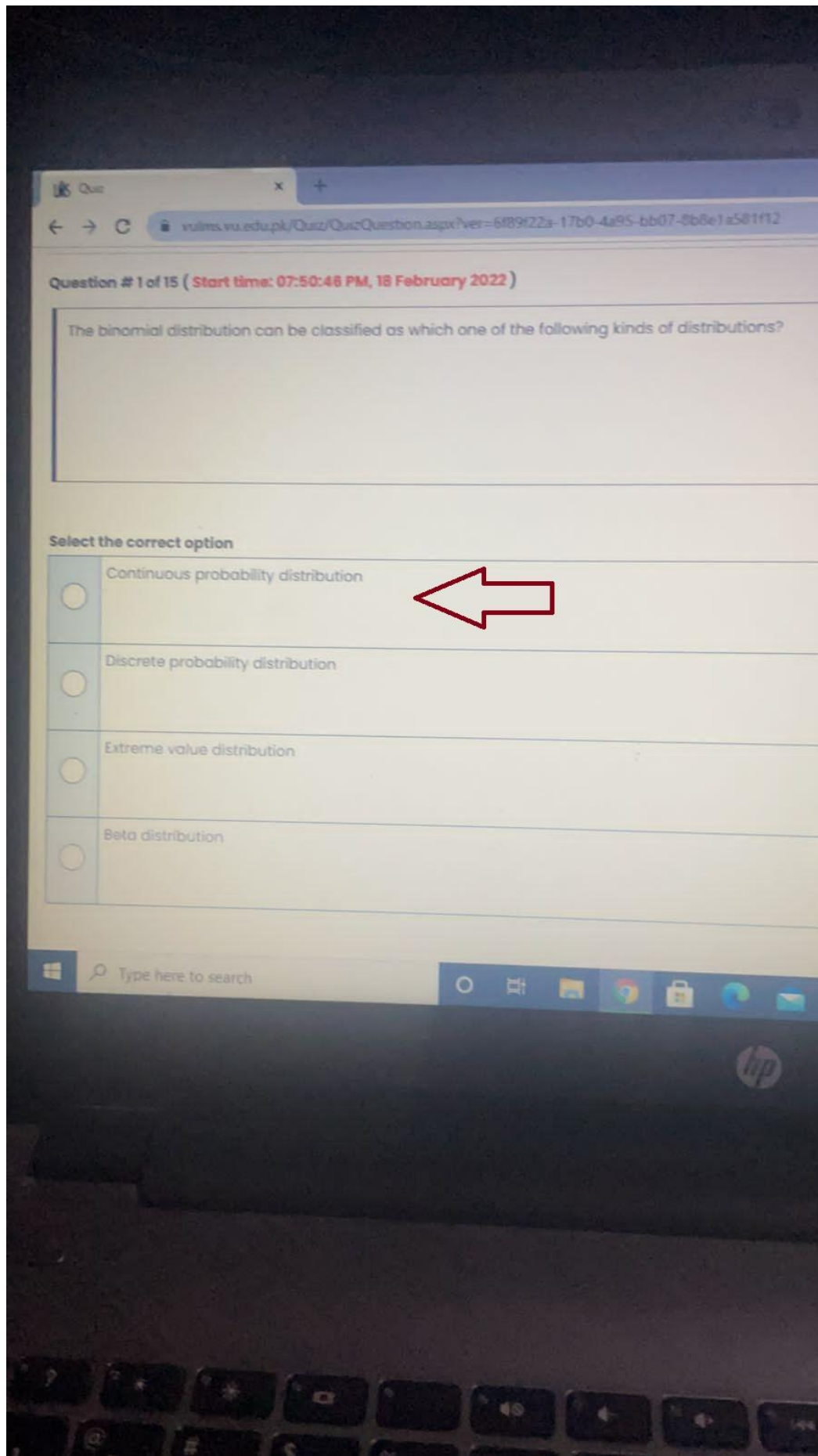
# PSY516 QUIZ 3 FOR FINAL TERM



## 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

# PSY516 QUIZ 3 FOR FINAL TERM

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?

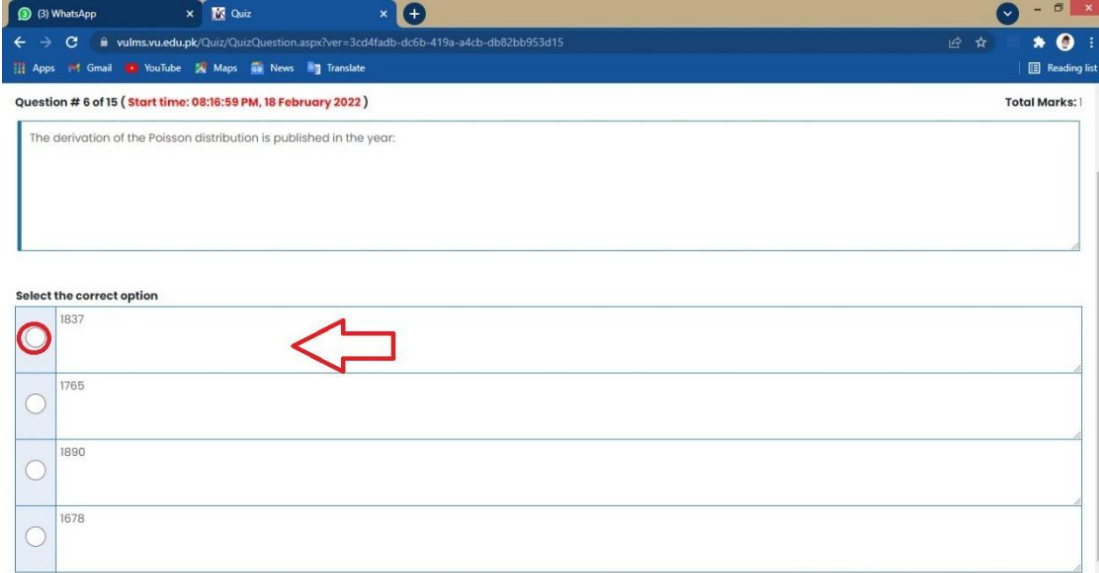
Select the correct option

- 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




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

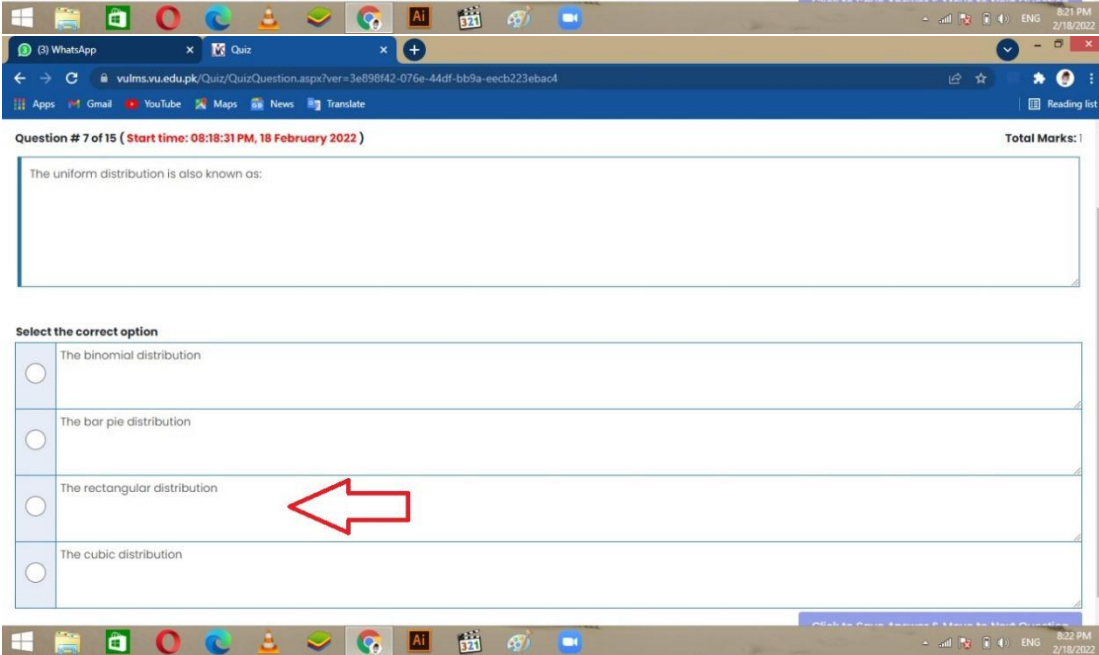
The derivation of the Poisson distribution is published in the year:

Select the correct option

- 1837
- 1765
- 1890
- 1678



Below the first screenshot is a second screenshot of a quiz question about the uniform distribution.




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  $1/K^2$ , then the probability of  $\bar{A}$  will be written with a difference of:

Select the correct option

- 2
- 3
- 1
- 0

Click to Save Answer & Move to Next Question

---

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%



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



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

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

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

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

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

A red arrow points to the third option,  $E(x)=np$ .

# 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 # 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

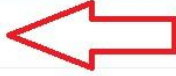
Question # 3 of 15 (start time: 08:25:02 PM, 18 February 2022)

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%



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

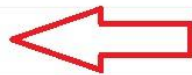
Question # 4 of 15 (start time: 08:26:31 PM, 18 February 2022)

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%



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 # 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

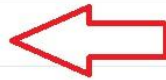
Question # 7 of 15 (start time: 08:31:25 PM, 18 February 2022)

Total Marks: 1

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

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

- 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
- L.H.S is equal to R.H.S



# PSY516 QUIZ 3 FOR FINAL TERM

8:36

4G 88%



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



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%



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

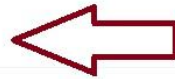
Question # 11 of 15 (start time: 08:37:51 PM, 18 February 2022)

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



BC210420395: AYESHA BATOOL ZAFAR

Time Left 89 sec(s)

PSY516 - Statistics in Psychology (Quiz 3)

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

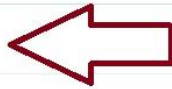
Question # 12 of 15 (Start time: 08:39:17 PM, 18 February 2022)

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%



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 # 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**  
vulms.vu.edu.pk   

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   

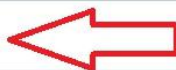
BC210418132: AFSHEEN IMTIAZ Time Left 88 sec(s)

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






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

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

# PSY516 QUIZ 3 FOR FINAL TERM

8:55       

  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 # 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  
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 # 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

- Population density function
- Preface dimension function
- Probability density function
- Prime distribution function

Click to Save Answer & Move to Next Question

# PSY516 QUIZ 3 FOR FINAL TERM

8:59       

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

BC210418132: AFSHEEN IMTIAZ Time Left 83 sec(s)

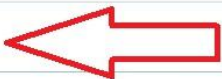
PSY516 - Statistics in Psychology (Quiz 3) Quiz Start Time: 08:46 PM, 18 February 2022

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  
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 # 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

$p \leq q$

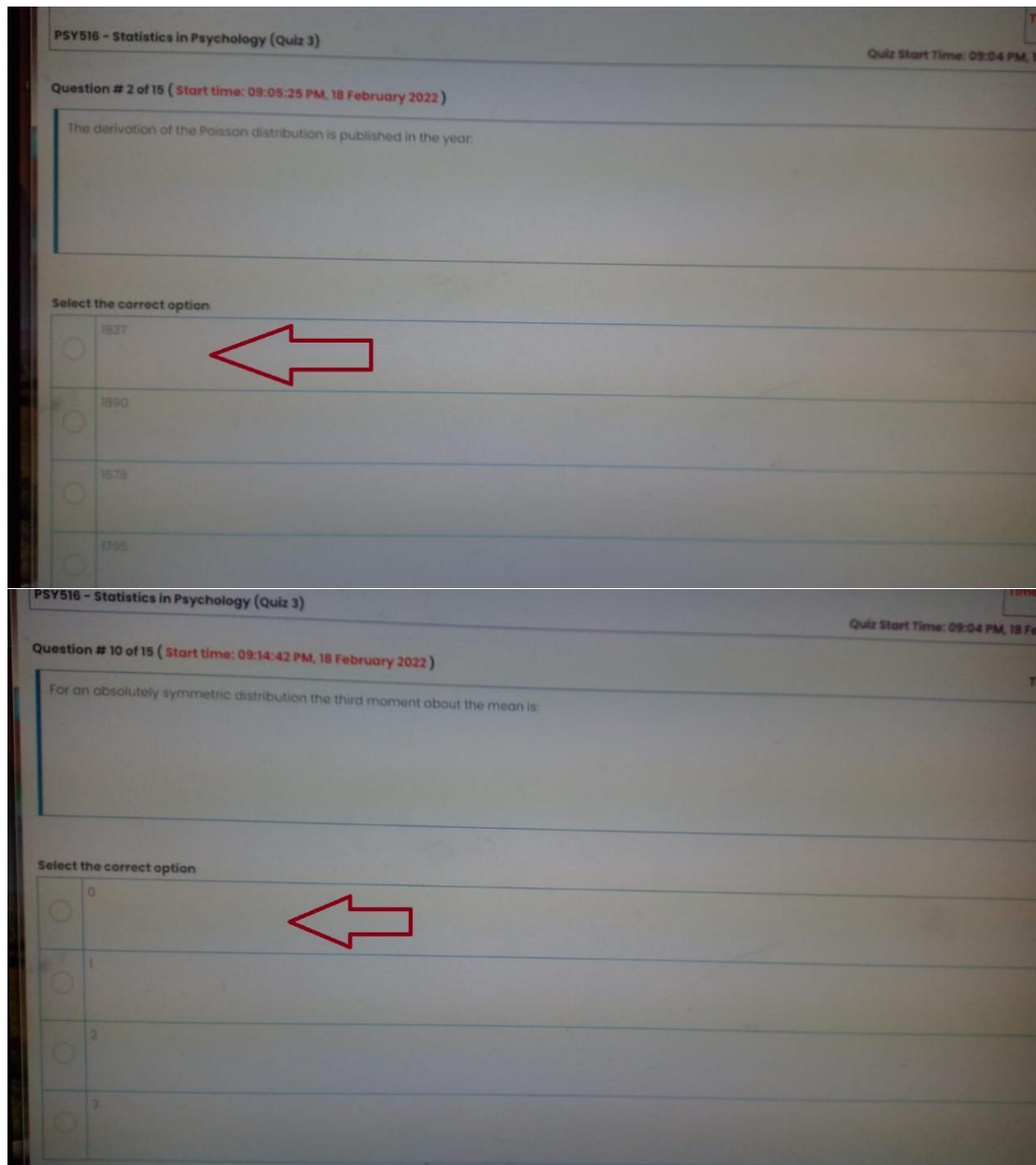
$p > q$

$p = q$

$p < q$

Click to Save Answer & Move to Next Question

# PSY516 QUIZ 3 FOR FINAL TERM



# PSY516 QUIZ 3 FOR FINAL TERM



vulms.vu.edu.pk



00130400074 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



vulms.vu.edu.pk



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

Click to Save Answer & Move to Next



# PSY516 QUIZ 3 FOR FINAL TERM



vulms.vu.edu.pk



Psychology (Quiz 3)

Quiz 3 (18 February 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



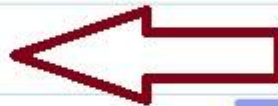
A J-shaped distribution



A U-shaped distribution



A symmetric distribution



Click to Save Answer & Move to Next Question



# PSY516 QUIZ 3 FOR FINAL TERM



vulms.vu.edu.pk

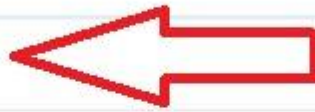


Question # 13 of 15 ( Start time: 09:32:13 PM, 18 February 2022 )

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)

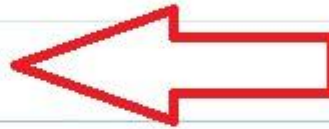
Quiz Start Time: 05

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: 09:35 PM, 16 February 2022

Question # 15 of 15 ( Start time: 09:34:50 PM, 16 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

- $>3$
- $\geq 4$
- $\leq 2$
- $>1$



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

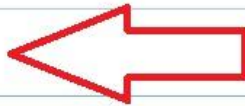


Question # 1 of 15 ( Start time: 09:57:04 PM, 18 February 2022 )

$f(x, y) > 0$  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



vulms.vu.edu.pk/Quiz/Q

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



vulms.vu.edu.pk/Quiz/Q

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

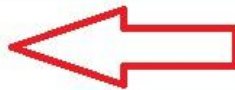
PSY516 - Statistics in Psychology (Quiz 3)

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



vulms.vu.edu.pk/Quiz/Q

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



vulms.vu.edu.pk/Quiz/Q

89

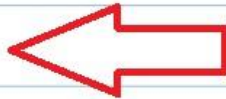


Question # 11 of 15 ( Start time: 09:44:37 PM, 18 February 2022 )

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 



 vulms.vu.edu.pk/Quiz/Q

89

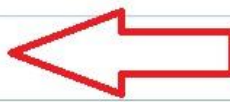


Question # 15 of 15 ( Start time: 09:49:09 PM, 18 February 2022 )

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

Select the correct option

- 1890
- 1837
- 1678
- 1765



Click to Save Answer & M

