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PROBABILITY AND STATISTICS

Quiz 2(UNIT-2)

YANA SRIVASTAVA

Final Grade
Submitted 4/6/22, 10:21 PM (UTC+5:30) **4 / 4**

Question scores appear after all grades are posted

Assignment Content

Question 1

65 bolts are defective out of 500, their probability is:

- ☐ A 3.56
- ☒ B 0.13
- ☐ C 0.45
- ☐ D 1.32

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Question 2

If $n_1=500$, $n_2=100$, $p_1=0.032$, $p_2=0.03$ then P (Population proportion) is:

- ☐ A 0.12
- ☐ B 0.132
- ☒ C 0.032
- ☐ D none of these

Question 3

Level of significance is also called:

- ☐ A Power of the test
- ☒ B Size of the test
- ☐ C Level of confidence
- ☐ D Confidence coefficient

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Question 4

Parameters of statistics in samplings are

☐ A Mean, median

☐ B mode

☒ C Mean, Variance

☐ D None of these

Question 5

How many normal equations are associated with the equation of parabola $Y=a+bX+cX^2$

☐ A 2

☒ B 3

☐ C 1

☐ D 4

Feedback

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Question 6

if $A = 0.31$ and $a = \log A$ then a is :

☒ A 2.04

☐ B 1.99

☐ C 5.67

☐ D 4.67

Question 7

Probability of getting 5 or 6 on a die is

☐ A 0.1

☐ B 0.2

☒ C 0.33

☐ D 0.5

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Feedback

17923833

(69)

Firewall

Quiz - G

A die is 1

Question

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Question 7

Probability of getting 5 or 6 on a die is

A

0.1

B

0.2

C

0.33

D

0.5

Question 8

In Curve fitting to fit a st line $y=a+bx$, if $\sum x = 10$, $\sum y=16.9$, $\sum xy=47.1$ and $\sum x^2=30$ then value of a is

A

0.72

B

1

C

1.23

D

2.45

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