

Question No : 1 of 26

Marks: 1 (Budgeted Time 1 Min)

A letter is chosen at random from the word STATISTICS. The probability of getting a vowel is:

Answer (Please select your correct option)

☐ 3/10

correct answer solve
by hadi

☐ 4/10

☐ 5/10

☐ 6/10

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Question No : 2 of 26

Marks: 1 (Budgeted Time 1 Min)

When two coins are tossed simultaneously, P (one head) is:

☐ $\frac{1}{4}$

☐ $\frac{1}{2}$

☐ $\frac{3}{4}$

☐ 1

correct answer solve
by hadi

Made By: Waqar Siddhu

Question No : 3 of 26

Marks: 1 (Budgeted Time 1 Min)

A value which has half of the observations above it and half of the observations below it, is known as.....

Answer (Please select your correct option)

☐ Rang

☐ Median

correct answer solve
by hadi

☐ Mean

☐ Mode

Made By: Waqar Siddhu

Question No : 4 of 26

Marks: 1 (Budgeted Time 1 Min)

In a set of 20 values all the values are 2, what will be the Geometric Mean?

Answer (Please select your correct option)

☐ 2

correct answer solve
by hadi

☐ 5

☐ 10

☐ 20

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Question No : 5 of 26

Marks: 1 (Budgeted Time 1 Min)

Which of the following measure of dispersion is least affected by the extreme values in a data?

Answer (Please select your correct option)

☐

Range

correct answer solve
by hadi

☐

Quartile deviation

☐

Mean absolute deviation

☐

Standard deviation

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Question No : 6 of 26

Marks: 1 (Budgeted Time 1 Min)

Which is appropriate average for finding the average speed of a car:

☐ Mean

☐ Geometric mean

☐ Harmonic mean

☐ Weighted mean

correct answer solve
by hadi

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Question No : 7 of 26

Marks: 1 (Budgeted Time 1 Min)

What will be the value of the total amount of dispersion obtained by summing the $(X - \bar{X})$?

Answer (Please select your correct option)

☐ 0

correct answer solve
by hadi

☐ -1

☐ 1

☐ 100

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Question No : 8 of 26

Marks: 1 (Budgeted Time 1 Min)

Rang measures the dispersion around the _____:

Answer (Please select your correct option)

☐

Extreme values

correct answer solve
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☐

Minimum value

☐

Maximum value

☐

Mid-range value

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Question No : 9 of 26

Marks: 1 (Budgeted Time 1 Min)

The deviation of a distribution from symmetry is called:

☐ Kurtosis

☐ Skewness

☐ Dispersion

☐ Flatness

correct answer solve
by hadi

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Question No : 10 of 26

Marks: 1 (Budgeted Time 1 Min)

For the independent events A and B if $P(A) = 0.25$, $P(B) = 0.40$ then $P(A \cap B) = \dots\dots\dots$

Answer (Please select your correct option)

☐ 0.65

☐ 0.1

correct answer solve
by hadi

☐ 0.50

☐ 0.15

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Question No : 11 of 26

Marks: 1 (Budgeted Time 1 Min)

The variable plotted on the vertical or Y-axis in a scatter diagram is called the:

Answer (Please select your correct option)

☐

Scatter variable

correct answer solve
by hadi

☐

Independent variable

☐

Dependent variable

☐

Correlation variable

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Question No : 12 of 26

Marks: 1 (Budgeted Time 1 Min)

In a multiplication theorem $P(A \cap B)$ equals:

☐ $P(A) P(B)$

☐ $P(A) + P(B)$

☐ $P(A) \times P(B|A)$

correct answer solve
by hadi

☐ $P(B|A) \times P(B)$

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Question No : 13 of 26

Marks: 1 (Budgeted Time 1 Min)

For two independent events A and B, if $P(A) = 0.2$ and $P(B) = 0.4$, then what is $P(A \cap B)$?

Answer (Please select your correct option)

☐ 0.06

☐ 0.08

☐ 0.02

☐ 0.04

correct answer solve
by hadi

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Question No : 14 of 26

Marks: 1 (Budgeted Time 1 Min)

The level of satisfaction for a certain facility which Govt. is providing is the example of

Answer (Please select your correct option)

☐

Constant

☐

Qualitative variable

correct answer solve
by hadi

☐

Variable

☐

Quantitative variable

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Question No : 15 of 26

Marks: 1 (Budgeted Time 1 Min)

Quantitative variable is further divided into:

Answer (Please select your correct option)

☐ Continuous variable

☐ Discrete variable

correct answer solve
by hadi

☐ Continuous & Discrete variable

☐ None of the above

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Question No : 16 of 26

Marks: 1 (Budgeted Time 1 Min)

If you connect the mid-points of rectangles in a histogram by a series of lines that also touches the x-axis from both ends, what will you get?

Answer (Please select your correct option)

☐ Ogive

☐ Frequency polygon

☐ Frequency curve

correct answer solve
by hadi

☐ Histogram

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Question No : 17 of 26

Marks: 1 (Budgeted Time 1 Min)

Which type of data is collected in population census?

Answer (Please select your correct option)

☐

Grouped data

correct answer solve
by hadi,,but check
it

☐

Secondary data

☐

Primary data



☐

Array data

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Question No : 18 of 26

Marks: 1 (Budgeted Time 1 Min)

Data obtained from the Bureau of Statistics, is an example of

Answer (Please select your correct option)

☐ None of these

☐ Primary data

☐ Secondary data

correct answer solve
by hadi

☐ Qualitative data

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Question No : 19 of 26

Marks: 1 (Budgeted Time 1 Min)

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

Answer (Please select your correct option)

☐

Finite Set

☐

Infinite Set

☐

Universal Set

correct answer solve
by hadi

☐

None of these

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Question No : 20 of 26

Marks: 1 (Budgeted Time 1 Min)

In positively skewed distribution, which of the following relationship exists:

Answer (Please select your correct option)

- ☐ The mean, median, and mode are all equal
- ☐ The mean is larger than the median
- ☐ The median is larger than the mean
- ☐ The standard deviation must be larger than the mean or the median

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Question No : 21 of 26

Marks: 2 (Budgeted Time 4 Min)

"If $P(A|B) = 0$ then A and B are independent".
Indicate whether the above statement is true or false? Also give reason.

Answer ([Please click here to Add Answer](#))

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Question No : 22 of 26

Marks: 2 (Budgeted Time 4 Min)

What is coefficient of correlation?

Answer ([Please click here to Add Answer](#))

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Marks: 3 (Budgeted Time 6 Min)

Answer (Please [click here](#) to Add Answer)

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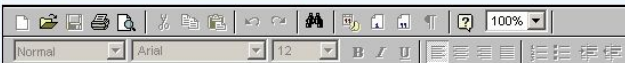
Question No : 24 of 26

Marks: 3 (Budgeted Time 6 Min)

For the given data calculate the mean deviation.

$X - \bar{X}$	+3	-3	-4	-1	+1	+4
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Answer ([Please click here to Add Answer](#))



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Marks: 5 (Budgeted Time 10 Min)

94	89	88	90	94	92	88	87	85	88	93	94
93	92	88	94	90	93	84	93	84	91	93	85

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Marks: 5 (Budgeted Time 10 Min)

- Answer (Please [click here](#) to Add Answer)

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Question No : 25 of 26

Marks: 5 (Budgeted Time 10 Min)

94	89	88	90	94	92	88	87	85	88	93	94
93	92	88	94	90	93	84	93	84	91	93	85
91	89	95	89	94	92						

Answer ([Please click here to Add Answer](#))

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