



Aravindh U

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Week 4 MCQ

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Attempt 1

You scored **31/31** in this challenge. Please see the below table for details

1			31 / 31

#Question1

Height, weight, length of a person are

Correct Answers

✔Numerical variable

Your Answers

✔Numerical variable

#Question2

The variable which can take integer values has input are called

Correct Answers

✔Discrete variable

Your Answers

✔Discrete variable

#Question3

Number of employees working in a factory is 10,000. This is an example of

Correct Answers

✔Discrete random variable

Your Answers

✔Discrete random variable

#Question4

You are trying to find out which subject is the most favorite of your classmates. What kind of data do you expect from your survey?

Correct Answers

✔Nominal variable

Your Answers

✔Nominal variable

#Question5

You are trying to arrange for special class for students so that they can cope with academics. You have their marks with you. How will you construct your random variable?

Correct Answers

✔Ordinal variable

Your Answers

✔Ordinal variable

#Question6

The mean of a distribution is 23, the median is 24, and the mode is 25.5. It is most likely that this distribution is:

Correct Answers

✔Negatively Skewed

Your Answers

✔Negatively Skewed

#Question7

The mean of a distribution is 44.04, the median is 44, and the mode is 43.99. It is most likely that this distribution is:

Correct Answers

✔Symmetrical

Your Answers

✔Symmetrical

#Question8

Find the mode of the call received on 7 consecutive day 11,13,13,17,19,23,25

Correct Answers

✔13

Your Answers

✔13

#Question9

The runs scored by a batsman in 5 ODIs are 31,97,112, 63, and 12. The standard deviation is

Correct Answers



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Your Status

You have scored 29509 points. Keep gc



✔42.37

Your Answers

✔42.37

#Question10

Find the median of the call received on 7 consecutive days 11,13, 17, 13, 23,25,19

Correct Answers

✔13

Your Answers

✔13

#Question11

Find the mode and median of the 9 consecutive number 12,7,8,14,21,23,27,7,11

Correct Answers

✔7,12

Your Answers

✔7,12

#Question12

Find the arithmetic mean of the set of data: 6,1,5,8, and 10

Correct Answers

✔6

Your Answers

✔6

#Question13

Calculate the geometric Mean of 1,3,9,3

Correct Answers

✔3

Your Answers

✔3

#Question14

Find the variance of the given data set: 3,9,5,6,7

Correct Answers

✔4

Your Answers

✔4

#Question15

Find the mean, mode and median of the given sets of data: 5,8,12,17,12,14,6,8, 12, and 10

Correct Answers

✔10,12,11

Your Answers

✔10,12,11

#Question16

Find the mean mode and median of the messages received on 7 consecutive days 7,13,6,9,6,6,10

Correct Answers

✔8,6,7

Your Answers

✔8,6,7

#Question17

Calculate the range of the given sets of data 7,47,8,42,47,95,42,96,2

Correct Answers

✔94

Your Answers

✔94

#Question18

Focusing on describing or explaining data versus going beyond immediate data and making inferences is the difference between ____.

Correct Answers

✔Descriptive and inferential

Your Answers

✔Descriptive and inferential

#Question19

As a general rule, the _____ is the best measure of central tendency because it is more precise.

Correct Answers

✔Mean

Your Answers



✔Mean

#Question20

The average monthly production of a factory for the first 8 months is 2,500 units, and for the next 4 months, the production was 1,200 units. The average monthly production of the year will be

Correct Answers

✔2066.55 units

Your Answers

✔2066.55 units

#Question21

In a distribution of 10, 20, 30, 40, 50, the is mean 30, the sum of deviations from will be

Correct Answers

✔Zero

Your Answers

✔Zero

#Question22

If the price of a commodity remains at RS. 20 per KG for the whole month then measure of dispersion will be

Correct Answers

✔Rs. 0

Your Answers

✔Rs. 0

#Question23

In a frequency distribution the last cumulative frequency is 300, Median shall lie in:

Correct Answers

✔150th item

Your Answers

✔150th item

#Question24

The _____ is often the preferred measure of central tendency if the data are severely skewed.

Correct Answers

✔Median

Your Answers

✔Median

#Question25

The mean of 10 observations is 10. All observations are increased by 10%. The mean of the increased observations shall be

Correct Answers

✔11

Your Answers

✔11

#Question26

In a frequency distribution, the last cumulative frequency is 500. (Third Quartile) must lie in

Correct Answers

✔375th item

Your Answers

✔375th item

#Question27

In a week the prices of a bag of rice were 350, 280, 340, 290, 320, 310, 300. The range is

Correct Answers

✔60

Your Answers

✔60

#Question28

Which of the following is NOT a measure of variability?

Correct Answers

✔Median

Your Answers

✔Median

#Question29

A contractor employs 20 male, 15 female and 5 children in his factory. Male wages are Rs. 10 per day, female Rs. 8 per day, and children Rs. 3 per day. The weighted of wages paid per day will be

Correct Answers

✔8.37

Your Answers

✔8.37



#Question30

If a distribution is abnormally tall and peaked, then is can be said that the distribution is:

Correct Answers

✔Leptokurtic

Your Answers

✔Leptokurtic

#Question31

The algebraic sum of deviations from mean is:

Correct Answers

✔Zero

Your Answers

✔Zero

