

STATISTICS WORKSHEET-2

1. What represent a population parameter?

Ans:- B) mean

2. What will be median of following set of scores (18,6,12,10,15)?

Ans:- C) 12

```
import pandas as pd
```

```
import numpy as np
```

```
df=pd.DataFrame({'a':[18,6,12,10,15]})
```

```
df.median()
```

```
a      12.0
```

```
dtype: float64
```

3. What is standard deviation?

Ans:- D) All of the above

4. The intervals should be _____ in a grouped frequency distribution

Ans:- D) None

5. What is the goal of descriptive statistics?

Ans:- D) All of these

6. A set of data organized in a participant by variables format is called

Ans:- B) Data set

7. In multiple regression, _____ independent variables are used

Ans:- A) 2 or more

8. Which of the following is used when you want to visually examine the relationship between 2 quantitative Variables.

Ans:- B) Scatterplot

9. Two or more groups means are compared by using

Ans:- D) Analysis of variance

10. _____ is a raw score which has been transformed into standard deviation units?

Ans:- A) Z-score

11. _____ is the value calculated when you want the arithmetic average?

Ans:- C) mean

12. Find the mean of these set of number (4,6,7,9,2000000)?

Ans:- D) 400005.2

```
df1=pd.DataFrame({'b':[4,6,7,9,2000000]})
```

```
df1.mean()
```

```
b      400005.2
```

```
dtype: float64
```

13. _____ is a measure of central tendency that takes into account the magnitude of scores?

Ans:- C) Median

14. _____ focuses on describing or explaining data whereas _____ involves going beyond immediate data and making inferences

Ans:- A) Descriptive and inferences

15. What is the formula for range?

Ans:- D) $H-L$