



ST. LAWRENCE HIGH SCHOOL

JESUIT CHRISTIAN MINORITY INSTITUTION



FIRST TERM WORKSHEET NO. - 20

Class: 11

Sub: SOCIOLOGY

Date- 08/07/2020

TOPIC: CONSTRUCTION OF FREQUENCY POLYGON & HISTOGRAM

CHAPTER: 1

I. CHOOSE THE CORRECT OPTION

(1x15=15)

1. In frequency polygon, frequencies are plotted in respect to
 - a. Class interval
 - b. Upper class interval
 - c. Lower class interval
 - d. Mid points
2. A frequency polygon is a many sided
 - a. Rectangle
 - b. Triangle
 - c. Histogram
 - d. Closed figure
3. The horizontal axis of a histogram represents
 - a. Frequency
 - b. Lower true limit of a class interval
 - c. Midpoint
 - d. Cumulative frequency
4. The vertical axis of a histogram represents
 - a. Class
 - b. Frequency
 - c. Midpoint
 - d. Cumulative frequency
5. The horizontal axis of a frequency polygon represents
 - a. Midpoint
 - b. Frequency
 - c. Class
 - d. None
6. The vertical axis of a frequency polygon represents
 - a. Class
 - b. Midpoint
 - c. Frequency
 - d. None
7. I have bars, but don't call me a bar graph. I'm a
 - a. Pareto Chart
 - b. Stem and leaf plot
 - c. Ogive
 - d. Histogram
8. Midpoint is calculated by
 - a. Subtracting the lower and upper class interval and multiplying by two
 - b. Adding the lower and upper class interval and subtracting by two
 - c. Subtracting the lower and upper class interval and dividing by two
 - d. Adding the lower and upper class interval and dividing by two
9. The point of intersection of the X and the Y interval is marked by
 - a. 0
 - b. 1
 - c. 00
 - d. 11
10. Lower true limit of a class interval is calculated by
 - a. Adding 0.5 to the lower class interval
 - b. Subtracting 0.5 to lower class interval
 - c. Adding 0.5 to the upper class interval
 - d. Subtracting 0.5 to upper class interval
11. In histogram, frequencies are plotted in respect to
 - a. Lower true limits of class interval
 - b. Upper true limit of class interval
 - c. Midpoints
 - d. Cumulative frequency
12. _____ is a continuous bar graph.
 - a. Bar graph
 - b. Pie chart
 - c. Histogram
 - d. Frequency polygon
13. _____ is a kind of continuous line graph.
 - a. Bar graph
 - b. Pie chart
 - c. Histogram
 - d. Frequency polygon
14. Consecutive rectangles in a histogram have no space in between.
 - a. True
 - b. False
 - c. Both
 - d. None
15. In frequency polygon, the lines are joined by
 - a. Straight lines
 - b. Curved lines
 - c. Shading
 - d. Faded lines

