

## FIRST TERM WORKSHEET NO. - 21

Class: 11

Sub: SOCIOLOGY

Date- 09/07/2020

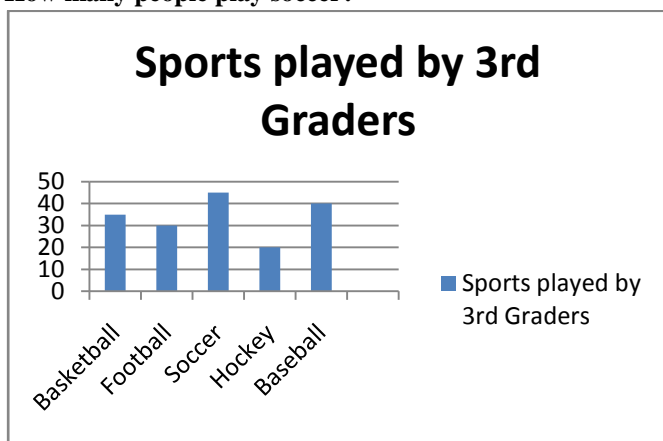
TOPIC: CONSTRUCTION OF BAR GRAPH AND PIE CHART

CHAPTER: 1

### I. CHOOSE THE CORRECT OPTION

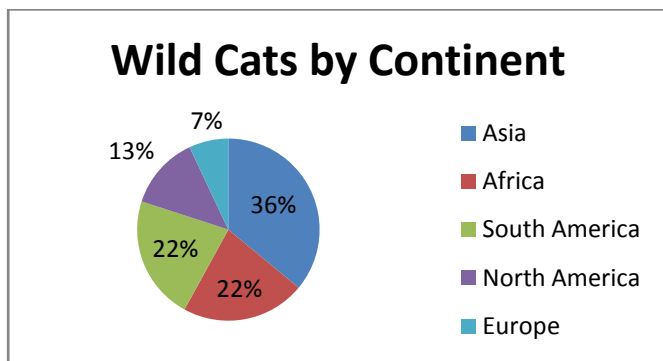
(1x15=15)

1. How many people play soccer?



- a. 40      b. 34      c. 45      d. 50

2. Which continent is home to 36% of the wild cats?



- a. Asia      b. Africa      c. North America      d. South America

3. Which continent has the smallest percentage of wild cats? Check the pie chart of question 2.

- a. Asia      b. Africa      c. North America      d. Europe

4. \_\_\_\_\_ is a diagram used for exhibiting the relative sizes of the different parts of the whole.

- a. Bar graph      b. Line graph      c. Histogram      d. Pie chart

5. \_\_\_\_\_ is a mode of diagrammatic representation that comprises a number of equidistant rectangles meant for specific categorization for available data.

- a. Frequency polygon      b. Histogram      c. Bar graph      d. Line graph

6. The total angle at the centre of the circle of a pie chart is

- a. 180°      b. 90°      c. 360°      d. 60°

7. In a pie chart, in order to convert the percentage into degree we need to

- a. Percentage to be divided by 100 and multiplied by 360°  
b. Percentage to be multiplied by 100 and divided by 360°  
c. Percentage to be divided by 360° and multiplied by 100  
d. Percentage to be multiplied by 360° and divided by 100

8. In Bar graph the length and height of the bar represents

- a. How big or small the bars are compared to each other  
b. A value of the corresponding category  
c. Both

- d. None
- 9. In pie chart, the area of each sector of the circle shows**
- a. The corresponding percentage of a particular category
  - b. A certain geometric pattern
  - c. Only a
  - d. Both
- 10. How is the percentage calculated in a pie chart?**
- a. Dividing the frequency of each category by total frequency and multiplying by 100
  - b. Multiplying the frequency of each category by 100 and dividing by total frequency
  - c. Dividing the frequency of each category by 100 and multiplying by total frequency
  - d. None
- 11. How to calculate the total frequency?**
- a. Adding all the frequencies
  - b. Multiplying all the frequencies
  - c. Subtracting all the frequencies
  - d. Dividing all the frequencies
- 12. What does frequency represent in graphical representation of data?**
- a. Number of times a particular cause has occurred out of the total sample taken
  - b. Represent certain arbitrary numbers
  - c. Both
  - d. None
- 13. \_\_\_\_\_ is a continuous bar graph.**
- a. Bar graph
  - b. Pie chart
  - c. Histogram
  - d. Frequency polygon
- 14. \_\_\_\_\_ is a kind of continuous line graph.**
- a. Bar graph
  - b. Pie chart
  - c. Histogram
  - d. Frequency polygon
- 15. In frequency polygon, the lines are joined by**
- a. Straight lines
  - b. Curved lines
  - c. Shading
  - d. Faded lines

