Sub: SOCIOLOGY   **Date- 09/07/2020**

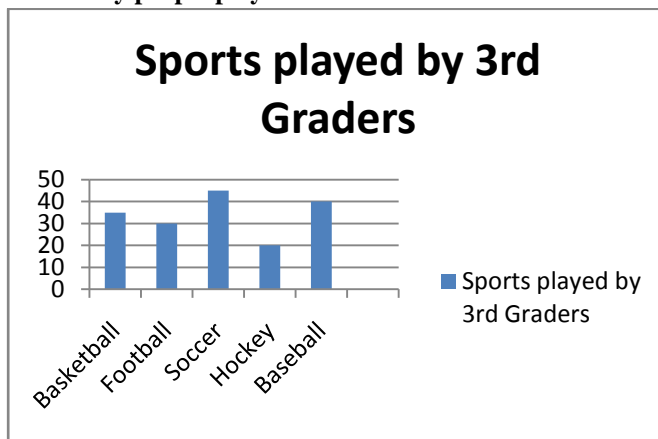**TOPIC: CONSTRUCTION OF BAR GRAPH AND PIE CHART**   **CHAPTER: 1**

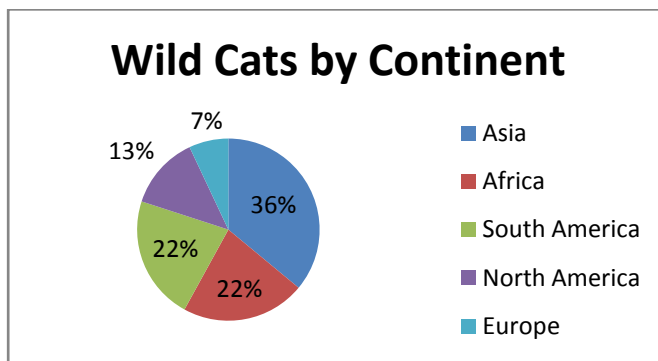### I.   CHOOSE THE CORRECT OPTION   (1x15=15)

1. **How many people play soccer?**

    c. 45

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

    a.   Asia

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

4. **_____ is a diagram used for exhibiting the relative sizes of the different parts of the whole.**
   d. Pie chart

5. **_____ is a mode of diagrammatic representation that comprises a number of equidistant rectangles meant for specific categorization for available data.**
   c. Bar graph

6. **The total angle at the centre of the circle of a pie chart is**
   c. 360°

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°

8. **In Bar graph the length and height of the bar represents**
   a.   A value of the corresponding category

9. **In pie chart, the area of each sector of the circle shows**
   a.   Only a

10. **How is the percentage calculated in a pie chart?**
    a.   Dividing the frequency of each category by total frequency and multiplying by 100

11. **How to calculate the total frequency?**
    a. *Adding 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*
13. **_____ is a continuous bar graph.**
    c. Histogram
14. **_____ is a kind of continuous line graph.**
    d. Frequency polygon
15. **In frequency polygon, the lines are joined by**
    b. Curved lines

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