



# ST. LAWRENCE HIGH SCHOOL

A Jesuit Christian Minority Institution



**Sub: Arithmetic**  
**Duration: 40 Min**

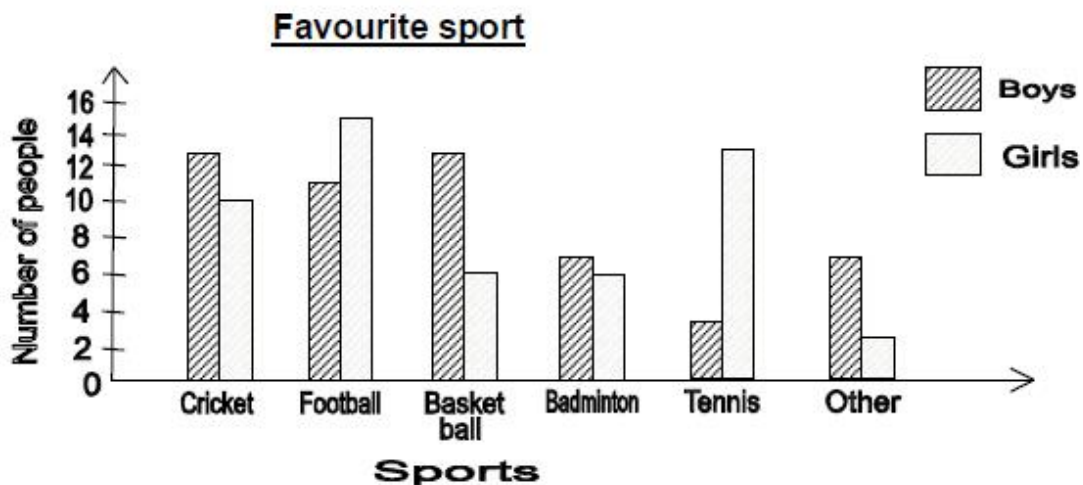
**Class: 7**  
**Worksheet 07**

**Date: 28.11.20**  
**Full Marks: 15**

## Graphical Representation of Data

### Choose the correct options:

- The two forms are generally used for presenting data. Which is appropriate answer.  
(a) tables (b) graphs (c) both (a) and (b) (d) None of these
- The pictorial representation of the numerical data by a number of bars of uniform width.  
(a) bar graph (b) line graph (c) Pie chart (d) None of these
- A \_\_\_\_\_ bar graph is a graphical display of information using two bars besides each other at a various heights.  
(a) Double (b) Single (c) Triple (d) None of these
- In a \_\_\_\_\_ graph, points are plotted on a graph paper with the help of two variables ie one along 'x' axis and the other along y-axis.  
(a) Pie chart (b) line graph (c) bar graph (d) none of these
- In histogram the class intervals are taken along  
(a) y-axis (b) x-axis (c) Both x and y axis (d) Between x-and y-axis
- Which one of the following is not the graphical representation of statistical data.  
(a) Bar graph (b) Histogram (c) Frequency polygon (d) Cumulative frequency distribution
- In a frequency distribution, ogives are graphical representation of  
(a) Frequency (b) Relative frequency (c) Cumulative frequency (d) Raw data
- In a histogram the area of each rectangle is proportional to.  
(a) The class mark of the corresponding class interval (b) The class size of the corresponding class interval (c) Frequency of the corresponding class interval (d) Cumulative frequency of the corresponding class interval
- A histogram is a pictorial representation of the grouped data in which class intervals and frequency are respectively taken along.  
(a) vertical axis and horizontal axis (b) vertical axis only (c) horizontal axis only (d) horizontal and vertical axis
- In a histogram, each class rectangle is constructed with base as.  
(a) frequency (b) class intervals (c) range (d) size of class
- Favourite sport Look at the above graph Manas created a survey to find out the favourite sports of the boys and girls in his class at school. He draw the given graph to show the results



- How many people responded to the survey  
(a) 200 (b) 300 (c) 100 (d) 50
- In the same graph (Q11) which game is liked the most by boys and girls.  
(a) Tennis (b) Cricket (c) football (d) Badminton

13) What is the difference between the number of boys and number of girls who like Cricket in Q11 graph

(a) 3 (b) 4 (c) 5 (d) 6

14) What is the ratio of girls liking tennis to the number of boys liking tennis?

(a) 3:1 (b) 1:3 (c) 2:3 (d) 3:2

15) In which game is the difference between the number of boys and girls liking that game is the least?

(a) Tennis (b) Cricket (c) Badminton (d) Basketball