

FORMATIVE ASSESSMENT - 1

Session – 2016-17

Class – VI

Topic : Microsoft Excel

Syllabus : Charts in Excel

Name of the Activity: **Designing a pictograph for food items to be brought for a School Excursion**

Description: You are the monitor of your class and the class teacher has asked you to give represent the various food items brought by students for the school excursion in the form of a pictograph.

Learning Outcome: After doing this activity, students will be able to:
- Understand the meaning and usage of pictograph
- apply their creativity in filling units in a pictograph
- Analyze information given in a pictograph

Time Duration : 1 hr.

Tool(s) Used : Microsoft Excel (version 7 or higher)

Group Size : 2 students per group.

Procedure:

- The class shall be divided into pairs of two and activity shall be announced one week in advance.
- Students will be asked to collect data for various food items collected and organize this information under four categories: Fruits, Healthy snacks, Beverages, Junk Food, for at least 5 students
- Students shall be asked to design a pictograph on paper for their reference based on data collected which they will be allowed to carry in the lab.
- 1 hour shall be given to the students to perform the activity.
- The teacher shall supervise the practical activity.

Criteria for assessment:

Table correctly divided into 5 rows and 5 columns	10 marks
Correctness of collected data	5 marks
Correctness of pictograph	5 marks
Unit wise filling of pictograph	5 marks
Creative appeal of pictograph	5 marks

TOTAL

30 Marks

Assessment Rubrics:

Criteria	Excellent (5)	V. Good (4)	Good (3)	Average (2)	Needs Improvement (1)
Table correctly divided into 10 rows and 5 columns	Table has 10 rows and 5 columns , The columns showing correct headings	Table has 10 rows and 4 columns or less rows and 5 Columns	Table has 5-6 rows and 3-4 columns with correct headings	Table has 2-3 rows ad 1-2 columns	Table has some rows and columns and improper headings
Correctness of collected data	All rows have correct data	Any 4 rows have correct data	Any 3 rows have correct data	At least 2 rows have correct data	Data collection is inappropriate
Correctness of pictograph	Both x-axis, y-axis have 5 correct bars	Both x-axis, y-axis have 4 correct bars	Both x-axis, y-axis have 3 correct bars	Both x-axis, y-axis have 2 correct bars	Both x-axis, y-axis have 1 correct bar
Unit wise filling of pictograph	All five bars filled with correct images unit wise	At least 4 bars filled with correct images unit wise	At least 3 bars filled with correct images unit wise	At least 2 bars filled with correct images unit wise	At least 1 bar filled with correct images unit wise
Creative appeal of pictograph	Pictograph having appropriate Background , Chart Tile, Axes Titles, font and legend	Any four of the Background , Chart Tile, Axes Titles, font and legend applied correctly	Any three of the Background , Chart Tile, Axes Titles, font and legend applied correctly	Any two of the Background , Chart Tile, Axes Titles, font and legend applied correctly	Any one of the Background , Chart Tile, Axes Titles, font and legend applied correctly

Follow Up:

Students will be given an opportunity to understand their shortcomings and proper guidance shall be given for improvement.