

LITTLE FLOWER SCHOOL RAPTI NAGAR, GORAKHPUR
FIRST SEMESTER EXAMINATION 2020-2021

Class: VIII
Computer Applications

Time: 2 Hours
Max Marks: 100

1. Fill in the blanks:- **[10x1=10]**

- i) operating system runs on computers which are located in different geographical areas, interconnected through a network.
- ii) software is a set of programs designed to perform specific type of job.
- iii) The cell address in a formula is also called.....
- iv) are input to functions, which accept values as number or text.
- v) chart looks similar to a spider net.
- vi) depicts the colours, pattern and symbols assigned to the data series.
- vii) are the pre-designed formulas in excel to perform both simple and complex calculations.
- viii) function is used to display the current date.
- ix) chart is designed specifically for plotting data values related to stocks and shares.
- x) To use absolute reference in a cell, we need to add sign.

2. State True or False:- **[10x1=10]**

- i) Area chart displays data in the form of long rectangular rods also called bars.
- ii) Scatter chart is the default chart type in excel.
- iii) A range can be used in a formula.
- iv) The error # value occurs if the number is divided by a zero.
- v) Application software is a collection of one or more programs that control and manages the overall operation and performance of a computer system.
- vi) Multithreading operating system allows more than one user to use the same computer at the same time or at different times.
- vii) CUI requires the user to type commands in order to interact with the computer system.
- viii) Operating system acts as a central coordinator between the user and the software.
- ix) CUI supports the use of a keyboard and mouse both.
- x) Formulas must begin with the question mark(?).

3. Give the answer in one word/one sentence:- **[5x2=10]**

- i) Which function is used to count the number of numeric values in a range?
- ii) Which key combination is used to get the sum of the values of adjacent cells?
- iii) Name the type of operating system which allow different parts of a software program to run simultaneously.
- iv) What is the other name for XY chart?
- v) What is the other name for the horizontal axis of a chart?

4. Answer the following questions:-

[5x5=25]

- i) What is a pie chart? Describe its features.
- ii) What do you mean by a Function? Name some of the Functions.
- iii) What are the rules to enter a Function?
- iv) Explain any two functions of an Operating system.
- v) Write short notes on the Real time operating system.

5. Differentiate between:-

[5x4=20]

- i) Category Axis and Value Axis
- ii) Single user o/s and Multi-user o/s
- iii) Chart area and Plot area
- iv) Application software and System software
- v) Column chart and Bar chart

6. Answer the following questions in detail:-

- i) What are the advantages of GUI over CUI? **[5]**
- ii) Explain the different components of a chart. **[10]**
- iii) Give 3 disadvantages of GUI over CUI. **[5]**
- iv) Explain circular reference with an example. **[5]**