CLASS – 5
SUBJECT: COMPUTER SCIENCE
TOPIC : TYPES OF SOFTWARE
WORKSHEET

SYNOPSIS:

- Software is a set of programs that controls the operations of a computer. It is classified into two types: System Software and Application Software.
- System Software is a collection of programs designed to control the operations of a computer system. System Software is of four types: Operating system, Language translator, Device driver and Utility software.
- Utility software helps to manage, maintain and control computer resources. it includes: Backup, Disk Defragmenter and Antivirus.
- Application software is a collection of programs that are designed to handle a specific task or a set of tasks. It is further categorized as General-purpose software and Customized software.
- General-purpose software can be used by majority of users. Commonly used ones are word processing software, drawing software, presentation software etc.
- Customized software are specially designed ones to fulfil the demands or requirements of a specific clients. These are mainly used in banks, hospitals etc.

I. **Fill in the blanks:**
   a) Software can be classified into _____ types.
   b) _____ and _____ together form a computer system.
   c) All instructions given to a computer are first converted into _____.
   d) A word processor is an example of _____ software.
   e) _____ is a process to detect and _____ the problems arising on a computer.

II. **State whether the following statements are true or false:**
   a) Windows Defender is a utility software.
   b) A hard disk stores data in small pieces.
   c) Tux Paint is an example of Word Processing software.
   d) Drawing software is used to calculate, compare and analyze data.
   e) A language that uses only two digits 0 and 1 is called binary language.

III. **Answer the following questions briefly:**
   a. What is a software? Give two examples.
   b. Name any three application software.
   c. List the types of System software.
   d. State any three functions of an operating system.
   e. What is the use of a utility software?
   f. What is the use of scanning?

IV. **Draw, colour and label the following:**
   a) Icon of Paint.
   b) Icon of Microsoft Word.
   c) Types of Language translator.

V. **Complete the following exercises at the end of the chapter:**
   a) Exercises A, B, and C on Page 25.
   b) Exercises D, E and F on Page 26.