CLASS – 5

SUBJECT: COMPUTER SCIENCE

TOPIC : TYPES OF SOFTWARE

ANSWERS

I. **Fill in the blanks:**
   a) Two.
   b) Hardware and software.
   c) Binary language.
   d) Application.
   e) Scanning, correct.

II. **State whether the following statements are true or false:**
   a) True.
   b) True.
   c) False.
   d) False.
   e) True.

III. **Answer the following questions briefly:**
   a) A software is a set of programs that controls the operations of a computer. A software guides, when and what a computer does. It also controls the activities the hardware. For example: An Operating system.
   b) Three application software are word processing software, drawing software and presentation software.
   c) System Software is of four types. They are : operating system, language translator, device driver and utility software.
   d) Any three functions of an operating are as follows:
      i)   It controls all the application software running on a computer.
      ii)   It assigns the hardware needed to perform a task.
      iii)   It helps in the creation and deletion of files and folders.
   e) Utility software is designed to perform specific task related to the operation on a computer. It ensures smooth running of a computer by finding out the problem in a computer and information about the computer.
   f) Scanning is a process to detect and correct the problems that arise on a computer system. It is mostly used to detect computer virus.
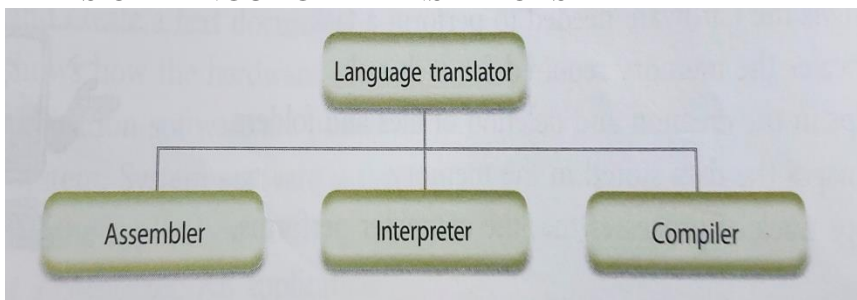
IV. **Draw, colour and label the following:**
   a) ICON OF PAINT

b) ICON OF MICROSOFT WORD

c) TYPES OF LANGUAGE TRANSLATORS

V. Complete the following exercises at the end of the chapter:

EXERCISE A: TICK THE CORRECT ANSWER:

1. a) Software.
2. c) Program.
3. b) Device driver.
4. a) binary.
5. a) Application.

EXERCISE B: TRUE OR FALSE:

1. False.
2. True.
3. True.
4. False.
5. True.

EXERCISE C: LABEL DIFFERENT TYPES OF SYSTEM SOFTWARE IN FIGURE A:

1. Operating system.
2. Device driver.
3. Language translator.
4. Utility software.

EXERCISE D: NAME ANY TWO:

1. Microsoft Word, KWORD.
2. Paint, Tux Paint.
3. Microsoft Excel, Lotus 1.2.3
4. Microsoft PowerPoint, Corel Presentation.

EXERCISE E : FILL IN THE BLANKS:

1. System software.
2. Binary.
3. Assembler, Interpreter, Compiler.
4. Backup.
5. Word processing.

EXERCISE F: ANSWER THESE QUESTIONS:

1. A software is a set of programs that controls the operations of a computer. A software guides, when and what a computer does. It also controls the activities the hardware. For example: An Operating system, word processing software etc.

2. The functions of an operating system are as follows:
   - It controls all the application software running on a computer.
   - It assigns the hardware needed to perform a task.
   - It allocates the memory required for each task.
   - It helps in the creation and deletion of files and folders.
   - It manages the data stored in the memory.
   - It keeps track of processes that the computer performs.

3. A computer can only understand binary language. A language translator changes the instructions into binary language.
4. Scanning is a process to detect and correct the problems that arise on a computer system. It is mostly used to detect computer virus.
5. Presentation software is a type of general purpose application software. It is used to create presentations that can be displayed as slide show.
   For example: Microsoft PowerPoint and Corel Presentation.

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