A. **Tick (ü) the correct option for the following statements.**

1. A part of the computer system that you cannot see and touch.

   a) ◯ CPU   *b)* ◯ Memory   *c)* ✔ Operating System

2. Windows 7 is an example of this type of software.

   a) ◯ Application   *b)* ✔ System   *c)* ◯ Processing

3. This provides a platform to run all the software on the computer.

   a) ✔ Operating System   *b)* ◯ Hard Disk   *c)* ◯ RAM

4. This is not an example of operating system.

   a) ◯ Windows 10   *b)* ◯ Linux   *c)* ✔ MS Excel

5. These software work only if the system software is present.

   a) ◯ Windows   *b)* ◯ Linux   *c)* ✔ Word Processors

6. The operating system developed by Apple for its laptop and desktop computers.

   a) ◯ Apple   *b)* ✔ OS Mac X   *c)* ◯ Linux

7. An open source operating system for personal computers.

   a) ◯ Linux   *b)* ◯ Ubuntu   *c)* ✔ Both of them

8. A type of software that is available only after paying the fee for using it.

   a) ◯ Open source   *b)* ◯ Shareware   *c)* ✔ Proprietary

9. The type of software that helps you to design a book.

   a) ◯ Word Processor   *b)* ◯ Multimedia   *c)* ✔ Desktop Publishing

10. The software that helps you to play audio and video files on the computer.

    a) ✔ VLC Player   *b)* ◯ MS Word   *c)* ◯ MS Excel

11. The type of software downloaded from the Internet without any charges.

    a) ◯ OEM Software   *b)* ◯ Proprietary   *c)* ✔ Freeware

12. An operating system downloaded from the Internet without any charges.

    a) ◯ MS Windows   *b)* ◯ MAC   *c)* ✔ Linux

13. A type of software that comes free with the printer when you buy it.

    a) ◯ Freeware   *b)* ✔ OEM software   *c)* ◯ Demo software

B. **Name the application software used to perform the following jobs.**

1. To make a loan planner for buying a new car.
   Spreadsheet

2. To type the annual report of your school.
   Word Processor

3. To send pictures to your friend through Internet.
   Communication

4. To create a school newsletter.
   Desktop Publishing

5. To present text with sound and animation.
   Multimedia

6. To watch a movie on the computer.
   Entertainment

C. **Following statements are written incorrectly, rewrite to make them correct.**

1. Hardware is the name given to a computer program used to operate the computer.
   Software is the name given to a computer program used to operate the computer.

2. Windows 7/10 is an example of application software.
   Windows 7/10 is an example of system software.

3. MS Word makes the computer begin its working after it is switched ON.
   MS Windows makes the computer begin its working after it is switched ON.

4. There are four types of softwares.
   There are two types of software.

5. Software is the body and hardware is the soul of the computer system.
   Hardware is the body Software and is the soul of the computer system.

6. Without application software we cannot use system software.
   Without system software we cannot use application software.

D. **Give one word answer for the following statements.**

1. It is a set of instructions or programs stored on a CD.
   Software

2. This makes the computer begin its working after it is switched ON.
   Operating System

3. It is one of the most popular GUI operating system. **MS Windows**

4. It is a freeware operating system. **Linux**

5. She is known as the first computer programmer **Ada Lovelace**

E. Read the following statements and name the type of software in the terms of licensing.

Help Box Demo, OEM, OpenSource, Freeware, Proprietary

1. A software available with its source code for use and for modification, free of charge. **OpenSource**

2. This software is available to use after signing legal terms and paying the cost of using it. **Proprietary**

3. This software is downloadable from the Internet without paying any charges. **Freeware**

4. Software comes with hardware provided by the manufacturers. **OEM**

5. Not a complete functional software, allow partial functioning. **Demo**

F. Answer the following questions.

1. What do you understand by the term 'Software'?

Software is the name given to the computer program used to operate the computer. Without software our computer is useless. The hardware and software work together very closely.

2. What is an Operating System? List out the activities that operating system performs.

Operating system is system software used to control the working of the computer system. The activities of OS are: It Initializes the computer system. It manages all the hardware devices attached to the CPU. It supervises the memory allocation. It controls the file handling system. It provides a platform to run the other software on the computer.

3. Differentiate between proprietary software and open source software.

Proprietary Software refers to the permission to use a particular software after accepting/signing legal terms and paying the cost of using it. Open Source Software refers to a program or software in which the source code is available to the general public for use and for modification from its original design, free of charge.

4. What are the advantages of using open source software?

The advantages of using open source software are: It is free of charges, available through Internet, source code is available for use and modification.

5. What is an Application Software? List out some application softwares.

Application software are called as end-user programs because they enable the user to complete tasks such as creating documents, spreadsheets, databases, exploring Internet and even playing games! Application software is specific to the task it is designed for e.g. MS Word, MS Excel, VLC Player

Computer in Everyday Life

1 Tina and Akash were given holidays home work. Their teacher asked them to prepare a list of application software they would like to use in their personal computer for preparing projects during the vacations. Read the following statments and suggest them the software.

Job

a) Finding the information and relevant pictures for the project.

b) Typing and printing the project documents.

c) Preparing a pocket money statement in a tabular way.

d) Maintaining the e-mail list of their friends.

e) Watching educational movies on the computer.

Software Required

Web Browser

Word Processor

Spreadsheet Program

Database Program

Entertainment Software

2 Arushi purchased a laptop computer from online store. After delivery when she switched ON the laptop, desktop window did not come on the screen. She called the helpline and came to know that this laptop model is without operating system. Read the following statement and suggest what she should do in following situations:

a) She wants to install the latest version of Microsoft Window.

Windows 10 is the latest version of MS Windows, it is a proprietary OS.

b) She has no money left to pay the cost of operating system.

She can install open source OS like Linux or Ubuntu

c) She needs to know the software for making school projects.

Word processor software like MS Word is used for typing and professional looking documentation.