

## Computer Science (New Book) - 9th Class Computer Science English Medium Chapter 5 Preparation

Q1. How OS helps in running applications.

**Ans 1:** The operating system is responsible for running applications on a computer. Loads applications into memory, allocates the necessary resources, and manages their execution. The OS also ensures that applications do not interfere with each other and that they run efficiently.

Q2. What is the purpose of a printer driver in a computer system.

**Ans 1:** A printer driver helps the computer send correct signals to the printer, ensuring it can print documents accurately.

Q3. What is the purpose of Adobe Photoshop.

**Ans 1:** Available on Windows and macOS, Adobe Photoshop is one of the most popular graphic design programs. It offers powerful tools for photo editing, digital painting, and graphic design.

Q4. Why we need upgradation of system software regularly.

**Ans 1:** Always keep your system software updated to ensure your computer runs smoothly and is protected from security threats.

Q5. What is a digital system.

**Ans 1:** Digital systems are the backbone of today's electronic and computing system. It consists of 0 and 1.

Q6. What are the types of software.

**Ans 1:** Software can be classified into the following types.

System software

Application software.

Q7. Define GUI

**Ans 1:** Graphical User Interface (GUI):- A GUI allows users to interact with the computer using visual elements such as windows, icons, and menus. This type of interface is user-friendly and intuitive, making it easy for users to navigate and perform tasks. Examples:- Microsoft Windows and macOS are operating systems that use GUIs. Users can click on icons to open applications, drag and drop files to move them, and use menus to access different functions.

Q8. Define Operating System (OS),

**Ans 1:** An operating system is a set of programs running on a computer system and providing an environment in which other programs can be executed and the computer system can be used efficiently. Example MS Windows, DOS, UNIX etc.

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Q9. Describe system software.

**Ans 1:** The software used to control monitor, or facilitate the use of the computer is called system software.

Types of system software.

Following are the types of system software.

Operating system

Utility programs

Language processors.

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Q10. How Graphics Designing software is used . Give some examples.

**Ans 1:** Graphic design software is a type of application software used for creating, editing, and managing visual content. These programs provide tools for drawing, painting, photo editing, and creating illustrations, making them essential for designers, artists, and anyone involved in visual media. Graphic design software is used in various industries, including advertising, web design, publishing, and multimedia production.

Example:- Adobe Photoshop, Adobe Illustrator, Corel Draw, GIMP image manipulation program, Canva,