

**Q-1 what is software ?**

Ans Software or adequately known as computer software, is

An individual computer programme or a set of computer programs that let you perform tasks on your computer system. It is a collection of a group of instructions and data that tells a computer how to function. It takes command from the users performs the allocated task.

Computer software is responsible for directing the functions of all peripheral devices on your computer. Without software, it is not possible to access or use a hardware device.

Software is divided further into two major categories: system software and application software.

**Q-2 what are the types of application ?**

Ans. There are three types of applications

**1. Computer applications :**

That are located on the desktop are designed to work with a keyboard, mouse and full-fledged monitor, so they are more advanced and more convenient to manage.

**2. Mobile applications**

Mobile applications ; they are designed to work on a small display using your fingers/stylus. They can be downloaded from Google Play App Store etc. mobile applications can be free shareware and paid.

**3. Internet application**

Require constant internet access to exchange information . they can be both computer and mobile. There are popular online services, such as the App Store and Play Market , that users use to buy , download, install and manage apps for their devices.

**Q-3 What is programming?**

Ans. Programming is a way to “instruct the computer to perform various tasks.”

**“instruct the computer”** this basically means that you provide the computer a set of instructions that are written in a language that the computer can understand. the instructions could be of various types,

Example:

Adding 2 numbers,

Rounding off a number, etc,

Ex:

C++,java,c#,python

#### **Q-4 what is python?**

Ans. Python is high-level,general-purpose programming language. Its design philosophy emphasizes code readability with the use of significant indentation. Python is dynamically typed and garbage – collected. It supports multiple programming paradigms, including structured, object-oriented and functional programming.

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**OS**: Windows,macOS,Linux/UNIX,Android and more

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**Filename extensions**: .py,.pyi,.pvc,pyd,.pyw,pyz(since 3.5),.pyo(prior to 3.5)