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 **Assignment**

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Sub : Java with DSA and system design

**Q-1: what is computer ?**

**Ans:**  A computer is a machine or device that performs processes, calculations and operations based on instructions provided by a software or hardware program. It has the ability to accept data (input), process it, and then produce outputs.

.Computers can also store data

Computer has 3 component ;

1. Input ( mouse , keyboard)
2. Processing( cpu)
3. output(display on screen)

Classification of computer :

1.Super computer

2. Main frame computer

3. Mini computer

1. Micro computer

**Q-2: what is ram ?**

Ans: ram(random access memory) It is much faster to read from and write to than other kinds of storage, such as a hard disk drive (hdd), solid-state drive (ssd) . Random Access Memory is volatile. That means data is retained in RAM as long as the computer is on, but it is lost when the computer is turned off. Because of its volatility, RAM can't store permanent data.

**Q-3: where is data stored in a computer ?**

Ans: The main storage is the primary memory(RAM) and **data and programs are stored in secondary memory**

1) HDD

2) SSD

**Q-4: What is that input device used to type text and number on a document in the computer system ?**

**Ans**:

keyboard is an input device that allows you to enter letters, numbers and symbols into your computer.

**Q-5: what are output devices ?**

**Ans:** printer, speaker , headphone , monitor screen , projector.

**Q-6: what is the input device that allows a user to move the cursor or pointer on the screen ?**

**Ans: mouse , laptop mouse**

**Q-7: Which language is directly understood by the computer without without a translating program ?**

**Ans:** Machine language gives instructions as 0's and 1's and is the only language that the computer understands**.**

**Q-8: what are input devices?**

**Ans: keyboard , mouse , camera , virtual pen , mic etc.**