

## **Beginners Guide: IBPS Computer Awareness [Free PDF]**

IBPS examination is done in 2 phases. First phase is Common written test and the candidates who clear this stage are eligible for the next phase. Second phase is personal interview round. Computer Awareness section includes basic questions related to computer and hardware & software are the important topics of this section.

Below is the basic knowledge about hardware and software related terms for Computer Awareness Section. This section can be easily scored so this blog will help you to quickly brush up your memory for hardware and software terms part of this section.

**Hardware:** Physical component of computer system is called hardware. Key board, monitor, mouse, printers etc. are categorized as hardware.

**Software:** Computer programs and instructions that directs computer to perform programs.

### **Hardware Components**

**Monitor:** It is an electronic visual display for computer.

**Motherboard:** A motherboard is also known as logic board, planner board and baseboard. It is main printed board and it allows communication between many of the crucial electronic components of system.

**CPU:** Central processing unit mainly executes a sequence of stored program in computer.

**RAM:** Random Access Memory is temporary storage of memory. All the data and programs required for running a process are stored here, until the process is over. More RAM storage space can make the computer work faster.

**Expansion Cards:** expansion cards are the printed circuit board which can be inserted in systems.

**Optical Disk Drive:** It is a disk drive that uses laser light or electromagnetic waves within or near the visible light spectrum as part of the process of reading or writing data to or from optical discs.

Hard disk drive: It is a type of disk which stores large amount of data on an electro magnetically charged surface or set of surfaces.

Basic Input Output System: BIOS prepares the software programs to load, execute and control the computer.

Power Supply: It supplies electrical energy to an output load or group of loads.

Visual Display Controller: It converts logical representation of visual information into signals that can be used as input for a display medium.

Computer Bus: It is used to transfer data or power between computer components inside a computer or between computers.

## **Software Components**

Virus Scanner: It's a type of scanner is the scanner which is used to scan the virus from a security point of view of computer.

Spread sheet: Spread sheets are interactive application for managing and analyzing data in tabular form.

Programing Language: This is the type of software which is used by computer programmers to develop operating system and applications.

Operating System: Operating system is a system software that manages computer resources and provide common Services for computer.

Application Software: Popular example of application software are Microsoft office suite which includes Word, Excel and PowerPoint.

Word Processor: Combining the keyboard text-entry and printing functions of an electric typewriter, with a recording unit, either tape or floppy disk (as used by the Wang machine) with a simple dedicated computer processor for the editing of text.

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