Q-1:What is hardware?

Hardware is physical components of a computer which can be touched physically.

Example: System unit, mouse, keyboard, monitor, hard disk etc.

Q-2:What is Personal Computer(PC)?

A general purpose computer with great portability, compatibility, cheaper than any type of computer and which can be operated by anyone without previous knowledge simply referred to as personal computer or micro-computer.

Example: Desktop, laptop, tablet pc etc.

Q-3:What is mainframe computer?

A large, expensive computer usually used for research purpose or for huge amount of data processing and need specialized staff to operate known as mainframe computer or minicomputer.

Q-4:Diffrence between persona computer and mainframe computer.

|  |  |
| --- | --- |
| **Personal Computer(PC or Micro-computer)** | **Mainframe Computer(Mini-computer)** |
| Small in size with easy portability. | Large in size does not have easy portability. |
| At a time one person can use. | At a time many people can use. |
| Price is affordable for most of the people. | Expensive in contrast with personal computer. |
| Anyone without previous knowledge can operate. | Need specialized staff to operate. |

Q-5:When PC industry began?

In 1977. Prior to this, computers were generally found in universities and laboratories only.

Q-6:Which companies first introduced PC?

Apple, Radio Shack and Commodore.

Q-7:When IBM(International Business Machines) first manufactured PC?

In 1981.

Q-7:Types of PCs.

There are two types of pc

1. IBM PC.
2. Apple PC.

Q-8:Difference between IBM PC and Apple PC.

|  |  |
| --- | --- |
| **IBM PC** | **Apple PC** |
| CPUs are built by Intel. | Apple has it’s own hardware. |
| Many operating systems such as windows, linux are compatible. | Only compatible with Mac OS x. |

Q-9:Few features of PC.

**Capacity**: Large hard disks combined with a large working memory (RAM).

**Speed**: Fast. Normally measured in GHz.

**Costs**: Getting cheaper by the day.

**Typical Users**: Home users, large and small office users. Education, Doctors etc.

Q-10:What is Apple PC?

Apple Mac is a pc which uses a different operating system, requires special version of application programs Even the hardware add‐ons have to be customised to some extent to be able to be connected to a Mac.

Q-11:How Apple pc distinguished itself?

Introducing GUI(Graphical User Interface) and plain English to drive the computer.

Q-12:How the differences are blurred?

The differences between the IBM PC and the Mac have blurred, with Microsoft buying a stake in Apple.

Q-13:Laptop/Notebook/Tablet PCs.

Coumputers which are small, portable,can run on battery and main power commonly known as laptop or notebook or tablet.

Q-14: Advantages of Laptop or Notebook.

1. Small in size and has easy portability.
2. Can run on battery.
3. Special screen rather than traditional bulky monitor.
4. These are especially popular with salespersons on the move or people giving presentations.
5. Expensive compare to a desktop pc.
6. Large hard disk combined with a large working memory.
7. Speed normally fast but less than a desktop pc of similar price.

Q-15: Personal digital assistant (PDA).

1. Uses a pen rather than keyboard few has touch screen to operate.
2. Can connect with internet via wifi or WWANs.
3. Can be used for sending and receiving emails, browsing web video recording, typewriting, word processing, playing songs and videos.
4. Used as calculator, calendar, clock, address book,GPS navogator.

Features:

**Capacity**:Muchs maller storage capacity compared to a PC.

**Speed**:Much less than a PC unless you pay a lot extra.

**Costs**: In relative terms expensive when compared to a PC.

**Typical Users**: Mostly business users.

Q-16:What is mobile phone?

A mobile phone or cell phone is used for mobile communication using a signal from a local transmission tower. It will not work when signal is blocked.

Can be used for messaging, emailing, browsing web, sending or receiving pictures and videos etc.

Q-17:What is satellite phone?

Satellite phones use a signal coming from a satellite.   They tend to be much more  
expensive to purchase and use. While you should never be out of range, the satellite signal may be blocked by tall buildings.

Q-18:What is smart phone?

A smartphone is a mobile with advance computer like feature.

Q-19:What is media player?

Media players allow you to store digital music and video. Many audio and video songs can be stored. Some has built in screen where video and song list can be seen.

Example:iPod,MP4 Player etc.