

# IT SKILLS IMPORTANT QUESTION NO. 1

## 1. What is information technology (I.T.)? Describe it:

Answer:

### Information Technology:

The technology used for communicating information is called Information technology or IT. It is the combination of telecommunication technology and computer technology (hardware and software). It combines computing with high-speed communication links for carrying data from one place to another, all over the world.

### **Example:**

Website is a type of information technology.

**Followings are major components of information technology.**

1. Data or information
2. Medium or communication network
3. Computer hardware and software

Before information technology, telephone system was the only source of communication. Today, in addition to telephone system, fax machines, mobile phones, and computer networks are the main sources of communication. The users can share and exchange information (or messages) all over the world through computer networks (i.e. Internet) or mobile phone networks. Computer hardware and software are playing main role in information technology.

The world has become a global village due to information technology. The global village means that people living in the world know each other as if they are living in a village. People can exchange information or messages in such a manner as if they are sitting in a drawing room, face to face.

### **Digital Convergence:**

Due to the information, technology, different organizations, industries and institutions are linked with each other. They are linked with each other by using modern technology and other electronic devices. This electronic merging of different organizations, industries and institutions to exchange information between them is called digital convergence. The information can be in the form of video, audio, text, and graphics etc.

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Best Image to explain information technology because of information technology definition.

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