

## Physics - 10th Class Physics English Medium Chapter 17 Preparation

Q1. What do you mean by Information communication technology.

**Ans 1:** Information and communication technology are the scientific methods and means to store, process and transmit vast amount of information in seconds with help of electronic equipments.

---

Q2. What is E-commerce.

**Ans 1:** E-commerce is the way of doing business on the web. We can order our favorite book or any other item online. For instance, amazon.com has been selling books, music and video successfully for years.

---

Q3. Define information?

**Ans 1:** In computer terminology, processed data is called information. Computer processes the data and converts it into useful information.

---

Q4. What is super computer?

**Ans 1:** The most powerful and swift computer which can send information in one thousand billionth part of a second is called supercomputer. It contains many processors.

---

Q5. Write two advantages of optical fibers.

**Ans 1:** 1. Its error states is very low  
2. there is no noise and distortion in fiber optics.

---

Q6. Write two disadvantages of optical fibers.

**Ans 1:** 1. Fiber optics is difficult to install  
2. It is quite expensive

---

Q7. What is differentiate between data and information.

**Ans 1:** Data: data are facts and figures that are used by programs to produce useful information. It may be in the form of text, graphic or figure that can be recorded and that have specific meaning.

**Ans 2:** Information: In computer terminology, processed data is called information. Computer processes the data and converts it into useful information. This information is transmitted to distant places in the form of sound, picture and computerized data.

---

Q8. What is flash drive.

**Ans 1:** It is electronic device that consist of data storage ICs. A flash drive is a small storage device that can be used to transfer files from one computer to another.

---

Q9. On which network system of cell phone consists of.

**Ans 1:** i. Cell ii. Base stations iii. Mobile switching centre.

---

Q10. Difference between RAM and ROM memories.

**Ans 1:** RAM: it is based electronics and consists of integrated circuits is random access memory . It vanishes when the computer is switched off. It is a temporary memory.

**Ans 2:** ROM: It is based on electronic and consists integrated circuits . It is read only of memory . It remains even the computer is switched off. It is a permanent memory

---