

Answer all questions

Time: 3 Hours

Q1) Write short notes on the following.

1. Generation of Computers
2. e-mail
3. Input devices and output devices
4. Types of computers according to the size
5. Computer hardware and software

Q2)

1. What are the components of a CPU?
2. Write down the major functionalities of the above mentioned components.
3. What is “Computer Virus”?
4. How does virus spread in a computer?
5. List five ways to protect computer from viruses.

Q3)

1. What is computer network?
2. Describe the types of Computer network according to the physical arrangement.
3. Describe the functionalities of the following devices
 - a. Hub
 - b. Modem
 - c. Router
4. Explain the usages of Internet for Students.

Q4)

1. Write the two basic types of printers and give two examples for each type.
2. List two names of word processing package.
3. Write down the advantages of word processing packages over the manual typewriters.
4. Compare Computer memory with Human brain.

Q5)

1. Discuss the application areas of Computer System.
2. Differentiate "System Software" and "Application Software", and give an example for each.
3. What is meant by an Operating System of a computer?
4. Give four functions of a general operating system.
5. Write down the names of four Operating system.
6. What is meant by Computer Languages?
7. What is meant by translators in Computer environment?
8. Name and explain the usages of different translators in computer environment.