Computer Science - ICS Part 1 Computer Science Chapter 3 Short Questions Preparation

Q1. Define ASCII Code.

Ans 1: ASCII(American Standard Code For information interchange) is a 7-bit code and makes 128 chracter combinations,wheares an 8 bit can make 256 combinations.Its was developed by American National Standard Insitute.(ANSI) and can handle alphanumeric and data.

Q2. What is parallel data transmission ?

Ans 1: Parallel data transmission involves the concurrent lines. This pattern resembles the flow of automobile traffic on a multilane highway. Internal transfer of binary data in computer users a parallel mode.

Q3. State the purpose of external mode.

Ans 1: Exernal Modem is attached to the system unit as an external device by means of a telephone cable.It is connected to the telephone wall jack by another cable.The modem is a self conatined unit which is connected to PC using a serial cable to the COM1 or COM2 port.

Q4. What is the use of fax machine?

Ans 1: Fax machine enables a computer to transmit and recieve doocuments as forcrs on a telephone line.A fax modem is like a data mode but is designes to transmit and receive documents to and from a fax machine or another fax modem.

Q5. What is signal?

Ans 1: The electromagnatic or light waves representating data are called signals.These are used to transfer data from one device to another through transmission medium.

Q6. Define Serial Data transmission.

Ans 1: Most data transmitted over telephone lines ise a serial pattern,That is each indiviual bit of information travels along its own communication path.The bits flow in a continuous stream along the communicaton channel.

Q7. Define digital signals.

Ans 1: A digital signals uses on-off electrical pulses in discontinuous or discrete form.Most computers are digital in nature,represent data as patterns of binary number.

Q8. What is the role of Sender in Data Communication?

Ans 1: The sender is the device that sends the data. it can be computer, Workstation telephone video camera and so on.

Q9. Define Mobile communcation.

Ans 1: Mobille Communication:It is radio based network that transmit data to and from mobile computer.Computer can be connected to the network through wired ports or through wireless connections.

Q10. What is parallel data transmission?

Ans 1: Parallel data transmission involves the concurrent flow of bits of data through separate communication lines.This pattern resembles the flow of auto mobile traffic on a multilane hightwat.Internal transfer of binary data in computer uses a parallel mode.
