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

Q1. 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.

Q2. Define Analog Signal.

Ans 1: The analouge data signal are continous electrical signal in the form of wave.This wave is called carrier wave.Two chracterstics of anlouge carrier waves that can be attered are frequency and amplitute.

Q3. What is encode ?

Ans 1: The encode convert digital signals to a form, which can pass rough transmission medium and decoder again convert signal from encoded from into digital form which is understandable for receiver.

Q4. 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.

Q5. Give two example of analog data ?

Ans 1:

1. Audio is an anlog data.
2. magnetic tape data is analog data.

Q6. Define Signal ?

Ans 1: The electromagnetic or light waves representing data are called signals. these are used to transfer data from on device to another device through a communication medium. Data Communication signals can be in analog or digital form.

Q7. Describe data representation in computer?

Ans 1: The computer works with the binary means two digits. these are 0 and 1 . An electrical pulse inside the computer represents each binary number. 1 is represents by a pules of electrical inside the computer and 0 by an absence of a pulse. Each binary digit is called bit.

Q8. 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.

Q9. What is mean by microwave data transmission?

Ans 1: Microwaves are high frequency radio waves that can only be directed in straight line limited to communications occuring within the limits of a particular city or community.

Q10. 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.