

Mid-term Assignment

1) What does ICT stand for? Explain fully

Ans ICT stands for Information and Communication Technology. It is used to describe all devices that can be used to create, communicate, disseminate, manage and provide access to information.

1b) List any three types of ICT

Ans Broadcasting

Data network

Telecommunication.

2a) What is broadcasting?

Ans Broadcasting is the spreading or distribution of audio and video content over a wide area to a large audience through any electronic mass communication device.

2b) Explain any two types of broadcasting?

Ans Television broadcasting: This is the transmission of information or entertainment signals in form of moving images, with or without sound, from a television station to television sets.

1) Satellite to System Broadcasting: This is transmission of audio and video signals from the television station to one or many satellites in space, which then retransmit the signals and rebroadcast it back to earth.

2) What is telecommunication system?

3) Telecommunication system is used to describe all electronic devices used for transmitting the information.

4) Give two examples of telecommunication system.

5) Satellite Telephone system

Mobile Phone System (GSM)

Fixed Landline Telephone System (FLLTS)

6) What is data network?

7) Data network is a telecommunication network dedicated or configured solely to transfer data such as letters, spreadsheets and other types of documents from one point to another in an organized way.

8) List 4 examples of data network

9) Personal Area Network (PAN)

Local Area Network (LAN)

Wide Area Network (WAN)

The Internet.

10) What is Information System in ICT

11) It is a collection of people, hardware, software, communication devices, network and data resources organized to collect, process, store and distribute data and information within an organization for specific purpose.

5b) Briefly explain two types of Information Systems
and Data processing system! This refers to a set of programs used
to process, organize and manipulate large amounts of data used
daily in Organizations for transacting business.

⑥ Global Positioning System (GPS): This consists of a group of
orbiting satellites in space that transmit signals to GPS
receivers on earth, which can provide information regarding the
exact location of a person or item.