

Mid-Term Assignment

1a What does ICT stand for

Information and Communication Technology. It is used to describe to all devices that can be used to create, communication, store, manage and provide access to information.

b i Broadcasting

ii Telecommunication

iii Information system

2a What is broadcasting

b Is the spreading of audio and video content over a wide area to a large audience through any electronic mass communications medium like radio, television, etc.

b Explain any two types of broadcasting.

1. Radio Broadcasting: This involves sending of information or entertainment signals to a large audience, who will receive or listen to it through a radio set. This is done via AM (Amplitude Modulation), FM (Frequency Modulation) or HD (High Definition).

2. 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. These signals are transmitted by UHF (Ultra high frequency) or by VLF (Very High Frequency) waves.

3a. What is Telecommunication system?

Is the transmission of audio and video signals over long distances using cables, telephones, radio, television etc.

Telecommunication system: Is all electronic devices used for transmitting.

b. Mobile Phone system

Satellite Telephone system

Fixed Wireless Telephone system

4a. Data network is a telecommunications network dedicated solely to transfer data such as letters, spreadsheets & other types of documents from one point to another in an organised way.

4b. List 4 examples of data network

1. Personal Area Network [PAN]

2. Local Area Network [LAN]

3. Metropolitan Area Network [MAN]

4. Wide Area Network [WAN].