

Mid-Term Assignment

1a What does ICT stand for? Explain fully
Information and Communication Technology.

b List any (3) types of ICT

(i) Cellphones

(ii) The Internet

(iii) Office Networking devices.

2a What is broadcasting?

This is the transmission of programmes or information through a radio or television.

2b Explain any (2) types of Broadcasting

(i) Broadcasting Media: This covers a wide range of different communication methods that include television, radio, podcasts, blogs, advertising etc.

(ii) Analog / Radio Broadcasting: This is for local stations and through the world falls into two (2) main types which are: AM and FM.

3a What is Telecommunication System? This is the transmission of information by various types of technologies over wire, radio, optical or other electromagnetic systems.

3b Give (3) examples of Telecom System

(i) Telephone network

(ii) Computer network

(iii) The Internet

4a What is Data Network? This is a system that transfers data between network access points (nodes) through data switching system control and interconnection transmission lines.

4b Give 4 Examples of Data Network

- Local Area network (LAN)

- Wide Area network (WAN)

- Public Switched telephone network

- Wireless networks

5a What is Information System?

This is an integrated set of components for collecting, and processing data and for providing information and digital products.

Qb Explain (2) examples of Information System.

- Computer Software: This is a set of instructions that tells the computer what to do or how to do a ^{specific} task.
- Computer Hardware: This is the collection of physical elements that constitutes a computer system.