

Mid-term Assignment

1a What does ICT stand for? Explain fully

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

1b: Broadcasting

i) Telecommunications

ii) Data Networks

2a Broadcasting is the spreading or distribution of audio and video content over a wide area to a large audience through any electronic mass communications medium like radio, television.

2b: Radio broadcasting: This involves sending or transmitting information or entertainment signals to large audiences, who will receive or listen to it through a radio set.

2b: 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.

3a Telecommunication is the transmission of audio and video signals over long distance using cables, telephones, radio, television etc.

3b. Mobile Phone System

ii Satellite telephone ~~sys~~ System

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

4a: Personal Area Network

i Local Area Network

iii Metropolitan Area Network

iv Wide Area ~~Network~~ ~~Network~~

5a An Information System (IS) is a collection of people, hardware, software, communication devices, network and data resources organised to collect, process, store and distribute data and information within an organisation for a specific purpose.

5a: Data Processing System.

5a: Global positioning system.

1 Data Processing System: This refers to a set of programs used to process, organise and manipulate large amounts of data used in daily organisations for transacting business, eg computerised billings used by P/HCN etc.

2 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. eg a car using a GPS enabled device.