

MID TERM ASSIGNMENT

Answers

Information and Communication Technology,

Information System

Communication System

Control system

a. Broadcasting is the distribution of audio or video content to a dispersed audience via any electronic mass communication medium, but typically are using the electromagnetic spectrum ~~energy~~ radio waves in a one to many.

b. AM: AM broadcasting is radio broadcasting using amplitude modulation (AM) transmission. It was the first developed for making audio radio transmission and is still used worldwide primarily for medium wave transmission, but also on the longwave and shortwave radio bands.

ii. FM: FM broadcasting, the frequency of the carrier wave is modulated to encode the sound. A radio receiver extracts the original program sound from the modulated radio signal and reproduces the sound in a loudspeaker.

3a. Telecommunication system is the transmission of information by various types of technology over wire, radio, optical or other electromagnetic systems.

b. Telephone network

Radio broadcasting network

Computer network & internet.

Data network is a system that transfers data between various points (nodes) through data switching, system control and inter transmission lines.

b. Include Area Networks

Metropolitan Area Networks

Local Area Networks

Personal Area Networks

a. Information system is an integrated set of components for collecting and for processing information, knowledge and digital products.

b. Transaction Processing System (TPS) are used to record day-to-day transactions of an organisation.

Management Information System (MIS): are used by tactical managers to monitor the organisation's current performance status.