Yashwantrao Chavan college of Science ,Karad

B. Sc. Computer Science Entire Part-II (Sem.-IV)

Subject : Electronics

Paper VIII - Communication-Technique

Question Bank

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Q1) Long answer question.

1) Explain Block diagram of communication sysyem.
2) Explain electromagnetic spectrum.
3) Explain types of communication.
4) Explain any two type of analog modulation.
5) Explain pulse amplitude modulation with its block diagram.
6) Explain working of pulse code modulation with its block diagram.
7) Explain working of delto modulation with its block diagram.
8) Explain any two type of digital modulation with its wave form.
9) Explain block diagram of mobile communication.

Q2) Short answer question.

1) Explain signal bandwidth.
2) Explain channel bandwidth.
3) Write a short note on data rate and baud rate.
4) Explain signal to noise ratio.
5) Write a short note on type of noise.
6) Explain AM.
7) Explain FM.
8) Explain PM.
9) Explain modulation index.
10) Give the Disfference between AM & FM.
11) Write a short note on PAM.

12) Write a short note on PCM.
13) Write a short note on delta modulation.
14) Write a short note on BPSK.
15) Write a short note on ASK.
16) Write a short note on FSK.
17) Write a short note on MODEM.
18) What is multeplexing ? Explain one type of multeplexing technique.
19) Write a short note on space division multeplexing.
20) Write a short note on time division multelplexing.
21) Write a short note on frequency division multeplexing.
22) Write a short note on code division.
23) Explain need of wireless communication technique.
24) Write a short note on mobile communication.
25) Write a short note on GSM.
26) Write a short note on Bluetooth.
27) Write a short note on wifi.
28) Write a short note on GPRS.
29) Write a short note on RFID.
30) Write a short note on Zigbee.