

- a) ASK (Amplitude Shift key)
- b) FSK (Frequency Shift key)

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- Q.25 What is Modem and described its various types?
- Q.26 What is guided media and its types with diagram?
- Q.27 Define unguided media and its types?
- Q.28 Explain different layer of Bluetooth?
- Q.29 Explain the advantages of Wire less LAN?
- Q.30 Explain architecture of IEEE 802.11?
- Q.31 Difference between Leo & Geo Satelite?
- Q.32 Difference between ASK & FSK?
- Q.33 Explain FTP (File Transfer Protocol)?
- Q.34 Write short note on Orbit?
- Q.35 Write down five advantages of Internet.

Branch : EI

Subject : Data Communication Networks

Time : 3 Hrs.

M.M. : 100

SECTION-A

Note : Multiple choice questions. All questions are compulsory. (10x1=10)

- Q.1 Internet was developed in _____.
a) 1983 b) 1883
c) 2003 c) 2022
- Q.2 Where is internet Used?
a) Home b) School
c) Office d) All the above
- Q.3 IP stands for _____.
a) Internet Protocol b) Internet Paragraph
c) Internet Phase d) None of the above
- Q.4 Full form of P2P.
a) Protocol to Protocol b)Protocol to Peer
c) Peer-ti-peer d) None of the above
- Q.5 Full form of ASK?

Section-D

Note: Long answer Questions. Attempt any two Questions out of three Questions. (2x10=20)

- Q.36 Define OSI Model with diagram?
- Q.37 Define Modulation of Analog Signal & its types with diagram?
- Q.38 What is Sattelite Network and explain different categories of satellite.

- a) Amplitude Shift Key
b) Altitude Shift Key
c) Amplitude Shift Kit
d) Altitude Shift Kit
- Q.6 TPC stands for _____.
a) Twice-Pair Cable b) Twisted-Pair Cable
c) Twice-Pair Cover b) Twisted Point Cable
- Q.7 In which of the following is the type of guided media.
a) Coaxial Cable b) Radio Waves
c) Micro wave d) None of the above
- Q.8 Which of the following are the satellite category?
a) Geo b) Leo
c) Meo d) All the above
- Q.9 Which of the following are computer network generation?
a) 2G b) 3G
c) 5G d) All the above
- Q.10 Which of the following are the type of MS Management?
a) Handoff b) Roaming
c) Both A & B d) None

Section B

Note: Objective types Questions. All Questions are compulsory. (10x1=10)

- Q.11 Full form of HTTP?
Q.12 What is standard in Data Communication?
Q.13 What is internet standard?
Q.14 What do you mean by Sender?
Q.15 What is carrier in data communication Network?
Q.16 What is analog signal?
Q.17 What are the types of Transmission mode?
Q.18 What do you mean by Radio Waves?
Q.19 What is Handoff in cellular telephony?
Q.20 Is receiving is the cellular telephony network operation? Yes/No.

Section-C

Note: Short answer type Questions. Attempt any twelve Questions out of fifteen Questions. (12x5=60)

- Q.21 Explain brief history of Internet?
Q.22 What is Protocol? Explain different type of Protocol?
Q.23 Define different type of Internet Model?
Q.24 Define terms with diagram :