

ECAT Computer Science Chapter 6 Data Communication

Sr	Questions	Answers Choice
1	Project 802 defines standards for which layers of the OSI model?	A. Application and Presentation layers B. Physical and Data Link layers C. Transport and Network layers D. Network and Data Link layers
2	How many types of data transmission modes are there?	A. 2 B. 3 C. 4 D. 5
3	Which of the following topologies is passive?	A. Star topology B. Ring topology C. Bus topology D. Hybrid topology
4	_____ is component of data communication.	A. Sender B. Receiver C. Encoder and Decoder D. All
5	Which of the following statements best describes a star topology?	A. Needs significantly less cabling than other topologies B. Breaks in a single cable segment takes down entire network C. More difficult to reconfigure than other topologies D. Centralized monitoring and management
6	The arrangement in which most of the processing is done by the server.	A. simplex transmission B. electronic data interchange C. file server D. client/server
7	Communication circuits that transmit data in both directions but not at the same time are operating in.	A. Simplex mode B. Half duplex mode C. Full Duplex mode D. None of above
8	Cabling on a linear bus topology can be extended using which of the following?	A. Terminator B. Barrel connector C. Network adapter card D. Medium attachment unit
9	A network of geographically distant computers and terminals is called a.	A. bus B. WAN C. gateway D. LAN
10	_____ is not component of data communication.	A. Medium B. Voltage C. Decoder D. Receiver
11	ASCII 7 bit code can represent maximum	A. 265 character B. 128 character C. 64 character D. 65536 character
12	Who invented the modem?	A. IBM B. DEC C. AT&T information System, USA D. Apple computers Inc
13	A computer based system in which a telephone message is recorded in digital form and then forwarded to others is	A. a teleconferencing B. voice mail C. a bulletin board D. telecommuting
14	Electronic banking.	A. token ring B. Mosaic C. EFT D. BBS

D. BBS

15 The charts, graphs and pictures are examples of:

- A. Image
- B. Audio
- C. Video
- D. Text

16 To make a personal computer act like a terminal, which type of software must be used?

- A. fax
- B. videoconferencing
- C. bridge
- D. emulation

17 _____ coding scheme is used by IBM

- A. Unicode
- B. ASCII
- C. EBCDIC
- D. BCD

18 In _____ communication modes the data communication can take place in only one direction

- A. Simplex
- B. Half-duplex
- C. Full-duplex
- D. None

19 Microwave transmission, coaxial cables, and fiber optics are examples of.

- A. modems
- B. communication links
- C. gateways
- D. ring network

20 A connection for similar networks.

- A. satellite
- B. gateway
- C. bridge
- D. fax