



WORKSHEET – 20
TOPIC – NETWORKING

SUBJECT: COMPUTER APPLICATION
F.M.:15

CLASS: XII
DATE: 15.06.2020

➤ Choose the correct option:

(1X15=15)

- 1) _____ specifies the geometric arrangement of computers in the network:
(a) Architecture (b) Layout (c) Topology (d) Blue Print
- 2) This network topology uses an open-ended backbone cable to which computers are attached:
(a) Ring (b) Bus (c) Star (d) Mesh
- 3) Special connectors used to connect a drop cable to the backbone cable in Bus topology:
(a) B-connector (b) P-connector (c) Y-connector (d) T-connector
- 4) A device fitted at the two ends of the backbone cable which absorbs signals at the ends:
(a) Absorber (b) Terminator (c) Transducer (d) T - connector
- 5) Which one of these is an example of Ethernet bus topology of LAN?:
(a) Token Ring (b) 10Base5 (c) 10BaseT (d) 10BaseB
- 6) This topology uses lesser amount of cable length compared to other topologies:
(a) Ring (b) Bus (c) Star (d) Mesh
- 7) This topology is the most reliable and widely used topology at present:
(a) Ring (b) Bus (c) Star (d) Mesh
- 8) In which LAN topology each device is serially connected in a closed loop:
(a) Ring (b) Bus (c) Star (d) Mesh
- 9) Data collision is totally avoided in which of the following topologies of LAN:
(a) Ring (b) Bus (c) Star (d) Mesh
- 10) FDDI networks use a _____ topology:
(a) Ring (b) Bus (c) Star (d) Mesh

11) This topology usually has multiple connections between any two nodes:

- (a) Ring (b) Bus (c) Star (d) Mesh

12) A computer which depends on services provided by a server to carry out various operations:

- (a) NIC (b) client (c) Printer (d) Hub

13) In this model an application is split into front-end client component with which the user machine interacts, and a back-end server component which processes the data:

- (a) peer-to-user (b) client-server (c) Peer-to-peer (d) None of these

14) A peer-to-peer network does not have a special computer called a:

- (a) server (b) client (c) host (d) Hub

15) This topology is used in areas like domain name servers:

- (a) Ring (b) Bus (c) Star (d) Tree

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