



**ANSWER KEY – 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**

\*\*\*

**PRITHWISH DE**