



ANSWER KEY – 22
TOPIC – NETWORKING

SUBJECT: COMPUTER APPLICATION
F.M.:15

CLASS: XII
DATE: 17.06.2020

➤ Choose the correct option:

(1X15=15)

1) This is an established set of rules that determine how data is transmitted between different devices in the same network:

- (a) Rule book **(b) Protocol** (c) Director (d) Router

2) This is the most popular LAN protocol:

- (a) Ethernet** (b) Token Ring (c) IP (d) None of these

3) Ethernet uses a media access control scheme called:

- (a) ASMC (b) CMSA **(c) CSMA** (d) None of these

4) It deals with how multiple nodes can access the common carrier cable:

- (a) CD (b) Bridge (c) Hub **(d) CSMA**

5) Each Ethernet NIU has a unique 48 bit physical address called _____ address:

- (a) IP (b) Port (c) Cable **(d) MAC**

6) The mechanism of detecting a collision is called:

- (a) CD** (b) CSMA (c) Token Ring (d) None of these

7) In _____ network, a 3 byte electronic message called token moves around the network from node to node in a logical ring:

- (a) MAC **(b) Token ring** (c) Ethernet (d) Local

8) The use of token guarantees the avoidance of possibility of _____:

- (a) Accident (b) Merge **(c) Collision** (d) None of these

9) This ensures, that only one node can transmit data at any given time:

- (a) MAC **(b) Token** (c) Ethernet (d) Local

10) The full form of MAC is:

- (a) Media Access Control**
- (b) Medium Access Control
- (c) Media Access Compress
- (d) None of these

11) Full form of CD is:

- (a) Collide Detection
- (b) Collision Detection**
- (c) Compress disk
- (d) None of these

12) When a node transmits message on the network through its NIU, all stations connected to the network _____ the message:

- (a) copy**
- (b) transmit
- (c) pass
- (d) None of these

13) These are almost obsolete now and replaced by network switches:

- (a) Routers
- (b) Switches
- (c) Hubs**
- (d) Gateways

14) This is a group of computers connected to each other in a small geographic area such as building, office:

- (a) LAN**
- (b) WAN
- (c) Hub
- (d) Gateways

15) A _____ is used to connect nodes in a star topology of LAN:

- (a) Router
- (b) Gateways
- (c) Hub**
- (d) Switch

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