



**WORKSHEET – 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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