



ANSWER KEY – 21
TOPIC – NETWORKING

SUBJECT: COMPUTER APPLICATION
F.M.:15

CLASS: XII
DATE: 16.06.2020

➤ Choose the correct option:

(1X15=15)

1) Which of the following devices does not have any data filtering capacity?:

- (a) Switch (b) Bridge (c) Router **(d) Repeater**

2) Which of the following devices is used to amplify signal when it travels across a network?:

- (a) Switch (b) Bridge (c) Router **(d) Repeater**

3) Which of the following devices is used to basically extend a LAN?:

- (a) Switch (b) Bridge (c) Gateway **(d) Repeater**

4) Which of the following devices can be used to simply connect computers to form a network?:

- (a) Switch (b) Bridge **(c) Hub** (d) Repeater

5) Which of the following statements is incorrect for a bridge when used in a LAN?:

- (a) A bridge uses MAC address of a node
(b) A bridge maintains a bridge table
(c) A bridge cannot filter data
(d) A bridge can connect two LAN segments

6) A LAN switch is similar to a:

- (a) multi-port hub (b) multi-port router **(c) multi-port bridge** (d) multi-port repeater

7) Switches operate based on the _____ address of the different nodes:

- (a) MAC** (b) Network (c) IP (d) Local

8) A LAN switch consists of a switching _____ that can rapidly connect and disconnect ports:

- (a) Matrix** (b) Board (c) Gear (d) Segments

9) Apart from the physical MAC address, a computer in a given network can also have a _____ address:

- (a) Virtual **(b) Logical** (c) Mechanical (d) hypothetical

10) A router works using the network logical address or _____ address of a device:

- (a) MAC **(b) IP** (c) XP (d) CP

11) Gateway acts as a _____ between networks running incompatible communication protocols:

- (a) **Translator** (b) Connector (c) Switch (d) Filter

12) _____ also serves as Firewalls:

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

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

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

14) This may acts as proxy servers:

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

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

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

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