ST. LAWRENCE HIGH SCHOOL
A JESUIT CHRISTIAN MINORITY INSTITUTION

WORKSHEET – 21
TOPIC – NETWORKING

SUBJECT: COMPUTER APPLICATION   **CLASS: XII**
F.M.:15   **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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