**DV162\_11\_PAS ON Network Devices**

**Possible Answer Sheet**

1. What is a Router?  
Ans: The device that forwards traffic between different subnets.

2. What is a Switch?  
Ans: A switch determines where traffic should be forwarded based on the destination MAC address inside of that time frame.

3. What is an Unmanaged Switch?  
Ans: Those switches which are cheap and cannot provide configuration options are called UnManaged Switch.

4. What is a Managed Switch?  
Ans: Those switches which are used by enterprise networks or Data Centers and provide a way to manage, control and configure the various aspects of a network.

5. What is a Bridge?  
Ans: Bridge is like an access-point, it simply bridging the wired connection to wireless connection.

6. What is a Patch Panel?  
Ans: A cable from every desk/computer/device going back to the central wiring closet. That wiring closet is called Patch Panel.

7. What is a Firewall?  
Ans: Firewall is a network security device or software application that controls and monitors the traffic.

8. What is a Hub?  
Ans: Hub is a device that transfers the same data to all connected devices.

9. What is a Cable Modem?  
Ans: Cable modem is a device that communicates to ISP and connects us to network through coaxial cable.

10. What is a DSL Modem?  
Ans: DSL Modem is a device that connects us to a network using DSL(Digital Subscriber Line).

11. What is ONT?  
Ans: ONT(Optical Network Terminal) is a device that connects to a Fiber Network. ONT is usually connected outside of the office or home that delineates the ISPs network from the Office or Home internal network.

12. What is Network Interface Card (NIC)?  
Ans: NIC provides the connectivity with copper ethernet connection.

13. What is a Wireless Access Point (WAP)?  
Ans: WAP is a device that allows wireless devices to connect with wired networks wirelessly. This is a bridge between Wired and Wireless Network.

14. What is a Wireless LAN Controller?  
Ans: Wireless LAN is a device used to manage multiple wireless access points in a Network.

15. What is a Repeater?  
Ans: Repeater is a device used to extend the range of a wireless network by amplifying and retransmitting signals between wireless devices and the wireless access point or router.