

I. **Choose the correct option.**

**[5]**

- 1) A network \_\_\_\_\_ connects all the other devices in a network.  
(a) router (b) Wi-Fi  
(c) Switch (d) None of these
  
- 2) A \_\_\_\_\_ allows computers and other devices to connect to it wirelessly.  
(a) Router (b) Wi-Fi access points  
(c) Switch (d) None of these
  
- 3) The device that allows other devices connect to the internet is called  
(a) Router (b) Wi-Fi access points  
(c) Switch (d) None of these
  
- 4) IP address is a string of \_\_\_\_\_ set of number separated by a full stop  
(a) 4 (b) 1  
(c) 3 (d) None of these
  
- 5) URL stands for \_\_\_\_\_  
(a) uniform resource locator (b) universal router language  
(c) universal resource locator (d) None of these



**II. Ali is building a network at his home and he is confused about some devices used in a network. The devices are [6]**

- Router
- Switch
- Wi-Fi access point

Write a short **description** about these devices.

**Router**

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**Switch**

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**Wi-Fi access point**

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**III. What IP stands for? Why each device has its own IP address? [2]**

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**IV. Ali is sitting in a library and he is checking the IP address of his system. He noticed that when he's using computer at home IP address of his computer is different while sitting in the library IP address is different.**

Can you specify the reason why the same computer has different IP address on two different places? [2]

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- V. State whether the statement is true or false? [5]**
- a) IP stands for internet protocol. ( )
- b) Some devices on the internet do not have IP address. ( )
- c) A router can only be connected to one switch. ( )
- d) A switch can allow devices to connect to a network wirelessly. ( )
- e) A router connects all the devices in a network to the internet. ( )