

## **Welland Gouldsmith School**

Class - 8

Subject- Computer Science

Topic- Networking

### **Answer sheet:-**

A) 1) A mesh topology is the best choice when we require reliability in a network. Each node is connected to every other node in the network. A break in a cable or device may not affect the entire network as in the case of other topologies.

2) A web portal is a specially designed website that provides single point of access to multiple services such as searching, online shopping, and email and so on. Some of the web portals are AOL, I Google and so on.

3) A link is a connection from one word picture or other object to another. A link is selected by clicking on it.

4) Hyperlink is a highlighted text or graphic image on a webpage that we can click to jump to another location. When we move the cursor over a hyperlink the arrow changes into a small hand pointing at the link. Clicking on a hyperlink can take us to another part of the same page. Or it can take us to another page.

5) The text on which a hyperlink is created is known as Hypertext. We can click on it too quickly jump to another text webpage or website.

6) Benefit refers to the maximum amount of data that can be sent in a fixed amount of time. It is mostly measured in units of BITS such as megabits per second (Mbps) and gigabits per second (Gbps).

7) There is a database of the names and IP addresses of all websites. This database is called the Domain Name System (DNS).

8) Refer to page 102 (did you know).

B) Full forms:-

URL -Uniform resource locator.

ISP- Internet service provider.

IP-Internet protocol.

DNS- Domain name system.

NIC- Network interface card

C) Answer in detail:-

1) Refer to page 94

2) Refer to page 102

3) A. Refer to page 100

B. Refer to page 101

C. Refer to page 98 and 99

D. Refer to page 94, 95 and 96

## Exercise from the textbook

A) 1- d , 2- c, 3- b, 4- b, 5- a, 6-a

B) Fill in the blanks:-

1. Source, transmitter
2. CAN
3. Repeater
4. Modem
5. Hub
6. Router
7. Workstation

C) Name the type of network used in the following cases:-

- 1- LAN
- 2- MAN
- 3- WAN
- 4- PAN
- 5- CAN

D) 3) Refer to page 95

6) Refer to page 100

7) Refer to page 101

**\*\*\*The End\*\*\***