1. Complete the sentences with the words given.

logical, top down, testing, optical fibres, physical, lowest layers, medium, local,

1. While performing a computer network diagnosis, various network layers are subjected to _____.
2. In the bottom up approach, testing begins at the _____.
3. Testing cabling in the _____ testing approach is performed last.
4. Measuring network parameters of the cabling refers both to copper wires and _____.
5. Connecting a cable incorrectly is a fault at the physical layer of a _____ area network.
6. As-built documentation should pertain to the _____ arrangement of devices connected in a network.
7. The information on the _____ structure of a local area network is included in the as-built documentation.
8. Cabling is a _____ of a local area network.

2. Match the phrases to their definitions (drag and drop)

NETWORK CONFIGURATION, NETWORK SOCKET, COMPUTER NETWORK, LOCAL AREA NETWORK, DOMAIN NAME SYSTEM, ACCESS POINT, INTERNET PROTOCOL, WIDE AREA NETWORK,

1. a system of computers and other devices connected with one another by means of communication channels _____
2. a device which provides hosts with access to a computer network _____
3. a network communications protocol where a computer sends a request and a server computer executes it _____
4. a bidirectional connection endpoint _____
5. setting up the parameters necessary for a computer program or a device connected to a computer to work _____
6. a computer network whose range includes a room, a storey, a building or a group of buildings _____
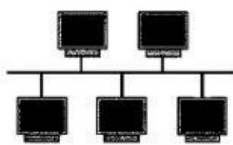7. it lets distant local area networks communicate with one another _____

8. a service which translates addresses known to Internet users into addresses comprehensible for _____
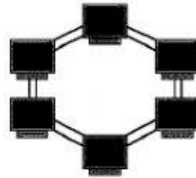
3. Figure out the acronyms

1. DNS   _____ _____ _____
2. WAN   _____ _____ _____
3. LAN   _____ _____ _____
4. AP   _____ _____
5. WLAN   _____ _____ _____ _____
6. DHCP   _____ _____ _____ _____
7. UTP   _____ _____ _____
8. IP   _____ _____

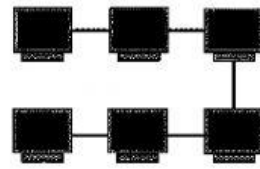## 4. Match the names and the pictures (drag and drop)

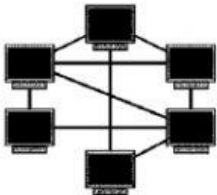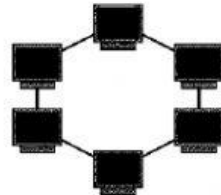ring topology, dual ring topology, star topology, line topology, bus topology, mesh topology
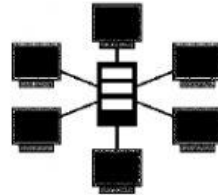
1 _____

2 _____

3 _____

4 _____

5 _____

6 _____

5. Guess the words or phrases

1. It connects telecommunication links with each other _____
2. A hardware device for entering data _____
3. A piece of electronic equipment that connects computer networks to each other, and sends information between networks

   _____
4. The global system of interconnected computer networks

   _____
5. Optical fibers with connections at both ends _____
6. A network device used for packet switching _____

7. It needs to be defined when configuring a static connection at the terminal _____

8. The unique name of the user accounts in a computer system _____

6. Choose the correct answer

1 A patch panel is used to

A cross and connect network cables.

B capture and analyse network traffic.

C access node and output node for a local area network.

2 The Internet is

A a circuit-switching network.

B the most popular local area networks standard.

C the global system of interconnected computer networks.

3 It's a unique physical address of each network device.

A MAC address

B user ID

C IP

4 A network protocol describing methods of selecting a path for traffic in networks with packet switching

A Routing

B Bluetooth

C Switch

5 At the edges of this network, we install

A packets.

B logins.

C terminals

6 In order to send data from terminal A to terminal B, it's necessary to

A set-up a connection between these devices.

B sort the names alphabetically.

C call them respectively A and B.

7 The voice transmission can begin only after

A a dedicated channel is set-up between network terminations participating in the transmission.

B a device is connected to a source of electricity.

C the devices have been named.

8 In a circuit switching network all data is sent via
    A an additional channel.
    B the cloud.
    C the same transmission channel.

7. Match the phrases to their definitions (draw the lines)

1.	hyperlink	A http
2.	network protocol used for transferring web pages	B login
3.	encrypted version of the web service protocol	C https
4.	not found	D link
5.	network device providing services	E server
6.	network user ID	F e-mail
7.	Uniform Resource Locator	G URL
8.	telecommunications service which consists of transmitting messages	H error 404

8. Circle the correct alternative

1. The network operating system is installed on the **graphic mode/ system/system partition**.
2. Installation of the network operating system on a new computer requires that you select **custom/licensee/system** installation.
3. System installation is possible when you have accepted the **licence terms/licensee/system terms** that define the principles for the use of the software by the licensee.
4. During the installation of Windows network operating system, you can choose the system installation version without the **graphic mode/licence terms/system partition**.
5. Starting the installation results in displaying a window where the user has to insert the **admin password/license key/user login**.
6. When the installation process is complete, a logon window will appear, asking for **a login/an administrator password/the license key**.
7. In the case where the previously installed system is unstable, it is advisable to **delete the system/restart the system/start the automatic system repairs**.
8. The loading stage of the installation process ends with opening **login screen/ operating system version selection screen/ the language selection** and the installation preferences window.