



Date : 5th Dec 2023

General Knowledge - Computer Network

English

**Q:1** What does ADSL in computer networking stand for?

1. Asymmetric Data Subscriber Line
2. Asymmetric Digital Super Line
3. Asymmetric Digital Subscriber Load
4. Asymmetric Digital Superior Line

**Q:2** At first, ARPANET was intended to support the \_\_\_\_\_ on fault-tolerant computer networks

1. Military research
2. Educational research
3. Governmental research
4. Scientific research

**Q:3** What does ATM stand for in the computer network?

1. Attachment Transfer Mode
2. Artificial Transfer Memory
3. Asymmetric Transfer Mode
4. Asynchronous Transfer Mode

**Q:4** Which computer network connects computers and peripheral devices in a limited physical area such as a business office, laboratory, etc.?

1. LAN
2. WAN
3. MAN
4. SAN

**Q:5** \_\_\_\_\_ is a computer network used for communication among computers and different IT devices which is close to one person.

1. MAN
2. PAN
3. VPN
4. Intranet

**Q:6** Bandwidth in a computer network is usually measured in \_\_\_\_\_.

1. bits per minute
2. bits per second
3. bits per hour
4. All of the above

**Q:7** What does DNS stand for in the computer

network?

1. Domain Name System
2. Domain Network System
3. Data Numerical System
4. Digital Network Subscriber

**Q:8** A numerical label assigned to each device connected to a computer network that uses the Internet Protocol for communication is known as:

1. HTTP
2. WWW
3. IP Address
4. VPN

**Q:9** A \_\_\_\_\_ is an input device consisting of a stick that pivots on a base and reports its angle or direction to the device it is controlling.

1. Joystick
2. Stylus
3. Mouse
4. Paddle

**Q:10** Select the option that contains only computer input devices

1. Keyboard, Mouse, Joystick, Printer
2. Mouse, Monitor, Joystick, Keyboard
3. Joystick, Keyboard, Digitizer, Monitor
4. Joystick, Keyboard, Mouse, Digitizer



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### Answer Key

1. (5)	2. (1)	3. (4)	4. (1)	5. (2)
6. (2)	7. (1)	8. (3)	9. (1)	10. (4)

### Answers and Solutions

**Q:1** The correct answer is **Option 5** i.e. **Asymmetric Digital Subscriber Line**

ADSL (**Asymmetric Digital Subscriber Line**) is a technology that facilitates fast data transmission at a high bandwidth on existing copper wire telephone lines to homes and businesses.

Unlike regular dial-up copper telephone line service, ADSL provides continuously available, always-on broadband connections.

**Q:2** The correct answer is **Option 1** i.e. **Military Research**

ARPANET was an end-product of a decade of computer-communications developments spurred by military concerns that the Soviets might use their jet bombers to launch surprise nuclear attacks against the United States.

**Q:3** The correct answer is **Option 4** i.e. **Asynchronous Transfer Mode**

ATM stands for Asynchronous Transfer Mode. It is an International Telecommunication Union-Telecommunications Standards Section (ITU-T) efficient for call relay and it transmits all information including multiple service types such as data, video, or voice which is conveyed in small fixed-size packets called cells.

**Q:4** The correct answer is **Option 1** i.e. **LAN**

LAN stands for local-area networks.

Two basic network types are local-area networks (LANs) and wide-area networks (WANs).

LANs connect computers and peripheral devices in a limited physical area, such as a business office, laboratory, or college campus, by means of links (wires, Ethernet cables, fiber optics, Wifi) that transmit data rapidly.

**Q:5** The correct answer is **Option 2** i.e. **PAN**

**Personal Area Network (PAN)**: PAN is a computer network used for communication among computers and different IT devices which is close to one person.

**Metropolitan Area Network (MAN)**: MAN is a network of computers located at different sites within a large fixed area such as a city

**Virtual Private Network (VPN)**: It is a computer network in which some of the links between the nodes are carried out by open connections or virtual circuits in some larger network (For example, the internet) instead of physical wires.

**Intranet**: It is a private network inside a company or an educational organization and used over its LAN. This can be taken as akin to local internet and it is under single administrative set-up.

**Wide Area Networks (WANs)**: WANs use telephone lines or other telecommunication devices to link computers in widely separated locations.

**Q:6** The correct answer is **Option 2** i.e. **bits per second**

Bandwidth refers to the amount of information that can be transmitted over a network in a given amount of time.

It is usually expressed in bits per second or multiples of it (kbit/s Mbit/s etc.)

**Q:7** The correct answer is **Option 1** i.e. **Domain Name System**

DNS stands for Domain Name System in the computer network.

The domain name system (DNS) is a naming database in which internet domain names are located and translated into internet protocol (IP) addresses.

The domain name system maps the name people use to locate a website to the IP address that a computer uses to locate a website.

It is the phonebook of the Internet.

**Q:8** style='text-align:justify'>The correct answer is **Option 3** i.e. **IP Address**

IP address is a numerical label assigned to each device connected to a computer network that uses the Internet Protocol for communication.

It is a 32 bit number that uniquely identifies a network interface on a machine.



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**Q:9** The correct answer is **Option 1** i.e. **Joystick**

A joystick is an input device consisting of a stick that pivots on a base and reports its angle or direction to the device it is controlling.

Joysticks are often used to control video games, and usually have one or more push-buttons whose state can also be read by the computer.

**Q:10** style='text-align:justify'>The correct answer is **Option 4** i.e. **Joystick, Keyboard, Mouse, Digitizer**

Input Devices: these devices are used to key in data, command, information into computer.

Examples: Keyboard, mouse, joystick, microphone, stylus, ocr, micr, scanner etc.

