

EASTERN UNIVERSITY SRI LANKA
FACULTY OF COMMERCE AND MANAGEMENT
FIRST EXAMINATION IN BBA/BCOM - 2021/ 2022
SECOND SEMESTER (Aug./Sept. - 2024)
MGT 1032 – COMPUTING THEORY AND APPLICATION - II
THEORY EXAMINATION

Answer all questions

Time allowed: 01 hour

Q1.

1. Define the term Computer Network.

(05 marks)

--

2. Explain the following features of the Computer Network.

(10 marks)

Communication speed	
---------------------	--

File sharing	
Scalability	
Security	

3. Write three advantages of the following types of Computer Network. (06 marks)
a. Client-Server network

01	
02	
03	

b. Peer-to-Peer Network

01	
02	
03	

4. Write short notes of the following in the context of computer network.

a. Switch

(05 marks)

--

b. Router

(05 marks)

--

5. Explain why modem is used in computer network. List two types of modems. (09 marks)

01	
02	

6. Write down the four uses of Metropolitan Area Network (MAN). (04 marks)

01	
02	
03	
04	

7. Explain the following two major components of computer network. (06 marks)

Network Interface Card (NIC):

--

Hub:

Q2.

1. Write down the two advantages and disadvantages of the following Topology.

(10 marks)

Bus Topology:

Star Topology:

Mesh Topology:

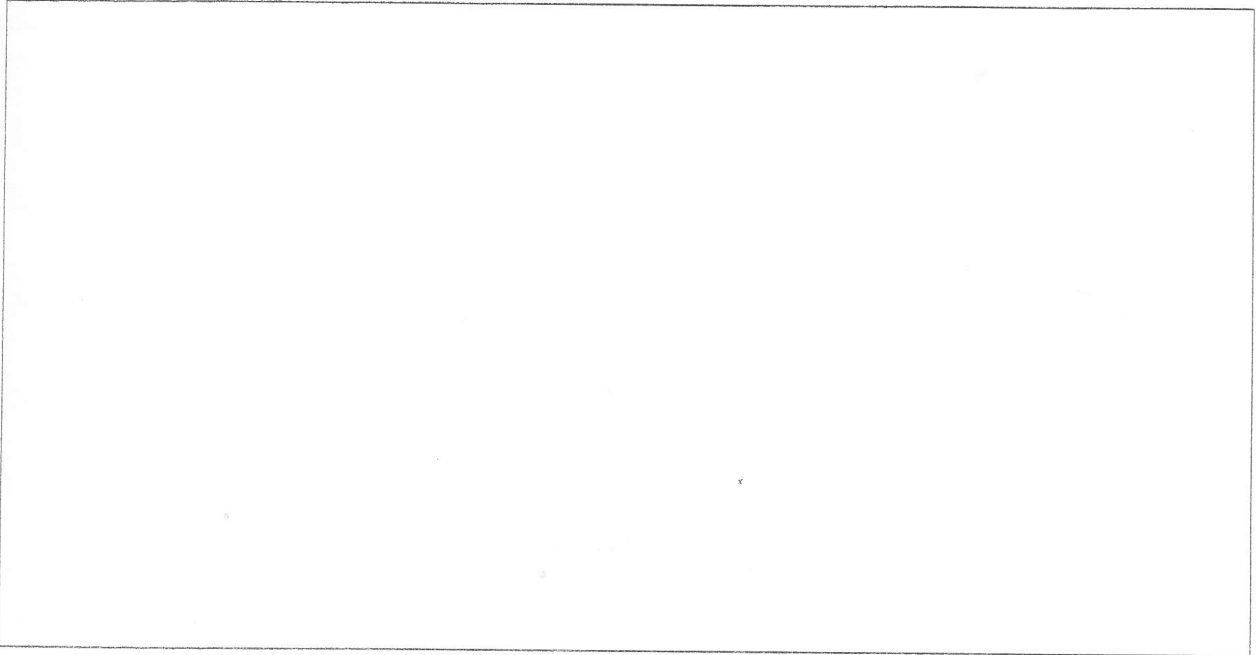
2. Compare the Simplex, Half-duplex, and Full-duplex modes with the following factors with aid of a suitable example.

- Direction of communication
- Send/Receive
- Performance

(12 marks)

3. Explain the term URL with their parts using suitable example.

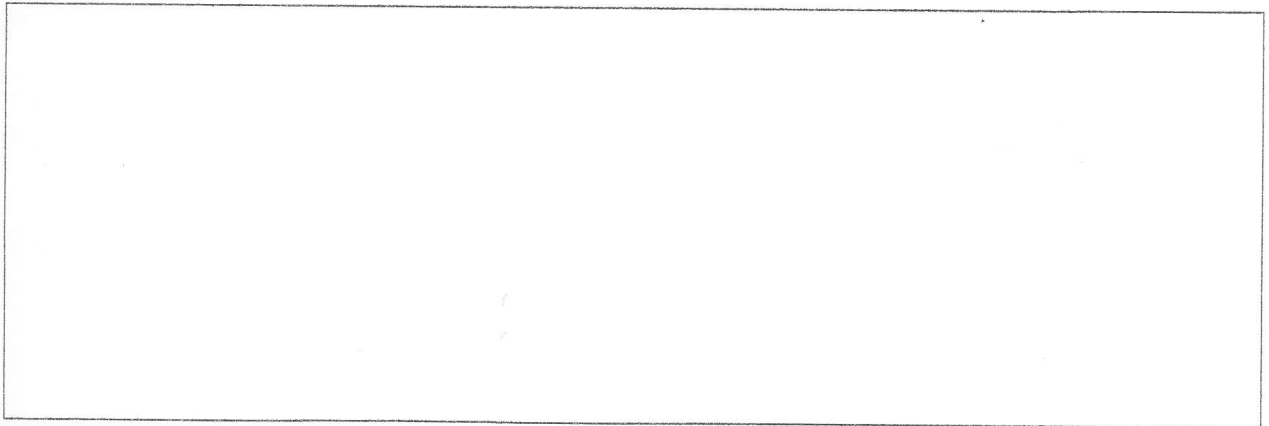
(08 marks)



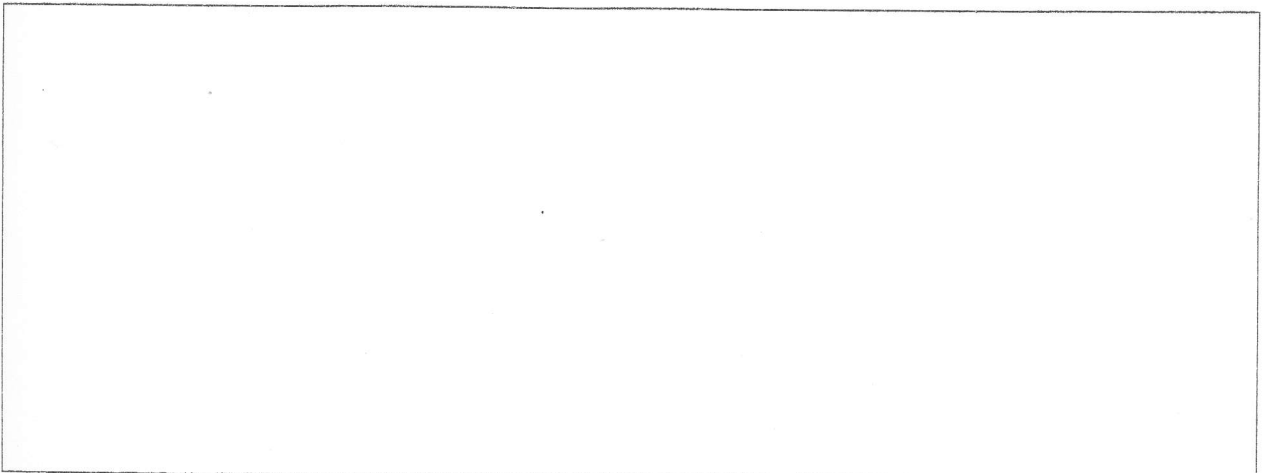
4. Write short notes of the following.

(10 marks)

a. Trojan Horse



b. Boot virus



5. Write an expansion of the following protocols and their uses.

(10 marks)

HTTP	
TCP/IP	
FTP	
SMTP	
ICMP	