

EASTERN UNIVERSITY SRI LANKA

FACULTY OF COMMERCE AND MANAGEMENT

FIRST EXAMINATION IN BBA/BCOM - 2016/ 2017

SECOND

SEMESTER (Nov/Dec - 2018)

MGT 1032 – COMPUTING THEORY AND APPLICATION - II

THEORY (PROPER)

Answer all questions

Time allowed: 01 hour

Q1.

1. Define the term "Computer Network"

[10 Marks]

2. Give five advantages of computer network.

[10 Marks]

3. Briefly describe five components of the data communication.

[20 Marks]

4. Compare and Contrast the following networks:

- a. Peer – to – Peer Network;
- b. Client / Server Network

[20 Marks]

5. Write down the short notes on the following:

- a. Repeater;
- b. Switch;
- c. Proxy Server;
- d. WLAN.

[20 Marks]

6. Define the following terms with suitable example:

- a. IP Address;
- b. Domain Name.

[20 Marks]

Q2.

- A. Compare and Contrast the following network topologies:
- a. BUS Topology;
 - b. RING Topology;
 - c. STAR Topology;
 - d. MESH Topology.
- B. Draw the process diagram to explain how internet operations are executed.
- C. Write down expansion of the following protocols and their usage:
- a. HTTPS;
 - b. TCP/IP;
 - c. ICMP;
 - d. FTP;
 - e. SMTP.
- D. Write down the short notes on the following:
- a. Learning Management System (LMS);
 - b. Content Management System (CMS);
 - c. Learning Content Management System (LCMS).
- E. Briefly describe the three main services of Cloud Computing.
- F. Give five services of the internet with suitable example.