

International Islamic University Chittagong

Faculty of Shariah and Islamic Studies

Department of QSI(Male Section)

Semester End Exam, Autumn 2024

Course Title : Microcomputer Application II

Course Code : CSE-3503

Time : 2.30hours

Full Marks : 50

1. Answer any five questions:

3×5=15

- I. Describe devices in computer network with example.
- II. Write the difference between guided and unguided media in data transmission.
- III. What is addressing in computer network?
- IV. Write the components of a microcomputer.
- V. List any common symptoms of hardware problems and their possible causes.
- VI. Write the major components of a motherboard.

2. Answer any five questions:

5×5=25

- I. What is Client-Server model? How does the model work?
- II. What are the essential steps to set up LAN? Include the requirements.
- III. Briefly explain how hardware and software work together in a computer.
- IV. Describes the key points to consider before deciding to upgrade computer memory. Also mention the steps to upgrade memory.
- V. What is an Operating System? Describe its various functions.
- VI. Fill up the table below:

Beeps	Error
1 short	
	Processor error
	ROM checksum error
1 long, 3 short	
1 long	

3. Lab assessment

International Islamic University Chittagong

Faculty of Shari'ah & Islamic Studies

Final-Term Examination - Spring 2024

Course Title: Micro Computer Application- II

Full Marks: 50 (10 Theory+40 Lab)

Code: CSE 3503

Time: 2:30 Hours

[Part A – Time : 30 Minutes]

Answer any 1 out of 2 Questions (Each Answer will Carry 10 marks)

Question 1:

- a) What is Data? Write the difference between data and database?
3
- b) Write short notes about the following:
i) Primary Key ii) Entity
3
- c) What is Data-type? Explain the data-types available in MS ACCESS?
4

Question 2:

- ✍ Discuss the differences between peer to peer network and client server network. Which type is better? Why?
5
- ✍ What is "troubleshooting a computer"? Let's consider a scenario that a new computer is bought by you. During start using your computer suddenly you notice that there is no display on the screen. Please identify and troubleshoot the problem.
5

[Part B – Lab Exam Time: 2 Hours Marks: 40]

-----GoodLuck-----