

International Islamic University Chittagong

Faculty of Shari'ah & Islamic Studies

Departments of QGIS, DIS and SHIS

Final Exam, Autumn-2023

Course Title: Microcomputer Applications II Code: CSE-3503

Time: 2 Hours Full Marks: 30 (Theory)

[PART A: Answer any 3 (three) of the following questions]

- 1 a) Discuss the differences between peer to peer network and client server network. Which type is better? Why? 10
- 2 a) What is wireless network? Write the advantages of wireless network. 5
b) Write the configuration and uses of straight cable and cross cable of UTP cable. 5
- 3 a) What is the binary equivalent of the dotted-decimal IP address 192.168.1.45? 3
b) In Classful IP addressing, how many networks and hosts are available in class A and Class C? Why does this allocation vary between classes? 4
c) Describe the steps involved in setting up a LAN connection on your Windows computer. 3
- 4 a) What are the key hardware components to consider when installing or building a new computer system? 2
b) Why is disk partition necessary? What are some of the key reasons for partitioning a hard disk? 3
c) Write down two preventive measures for maintaining computer hardware. 2
d) What is software troubleshooting? What are some common software-related issues that need troubleshooting? 3

[PART B: Lab Exam (20 Marks, Date will announce later)]