

# International Islamic University Chittagong

B.A. (Hon's) for all departments of FSIS

Final-Term Examination Autumn 2021 Program: B.A. (Hon's) for all departments of FSIS

Course Code: CSE-3503

Course Title: **Microcomputer Application II**

Time: 2 hours 30 minutes

Full Marks: 50

## Part A [1 hour]

[Answer any two questions from the followings; figures in the right margin indicate full marks.]

1. a) Classify transmission media. Write the advantages of satellite microwave communication. 03
- b) What is transmission media? What are the layers of the OSI reference model? 03
- c) Which guided media is more reliable? Justify your answer. 04
2. a) What is ethernet card? What is difference between switch and hub? 03
- b) What is Router? Describe types of modems. 03
- c) Write short note on: i) P2P network ii) Client server network 04
3. a) List the Basic elements of fiber optic cable. Write the advantages of fiber optic cable 03
- b) What is modem?. Write the advantages of satellite microwave communication. 03
- c) Write short note on: i) Infrared ii) Twisted pair 04

## Part B [1 hour 30 minutes]

4. Lab Exam & Viva 30