

**International Islamic University Chittagong**  
**Faculty of Shariah & Islamic Studies**  
**Final Examination; Autumn 2018**  
**Course Code: CSE-2301, Course Title: Introduction to Computer**

**Time: 2 Hours and 30 minutes**

**Total Marks: 50**

***N. B.: Answer any 5(five) questions. All questions are of equal marks. Parts of the same question must be answered following the serial.***

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|------|----|--|-------|
| Q.1. | a. | What is an input device? Name some commonly used input and output devices.   | 1+3=4 |
|      | b. | What is an algorithm? What are the characteristics necessary for a sequence of instructions to qualify as an algorithm?          | 1+5=6 |
| Q.2. | a. | What is the basic difference between compiler and interpreter? Write down the advantages and limitations of high level language. | 2+3=5 |
|      | b. | What is the unit of computer memory? Describe the categories of computer memories.   | 1+4=5 |
| Q.3. | a. | What is database management system? What are the three basic activities of a database management system?                         | 1+4=5 |
|      | b. | Explain the data storage hierarchy model with diagram.   | 5     |
| Q.4. | a. | What is computer network? Write down the major uses of computer network?   | 1+3=4 |
|      | b. | What is topology? With the help of illustration briefly describe BUS topology  | 1+5=6 |
| Q.5. | a. | What are the benefits and drawbacks of e-commerce?   | 6     |
|      | b. | What is virtual shop? How can a customer make purchase from it?  | 4     |
| Q.6. | a. | What is data communication? Identify the basic elements of a data communication system and purpose of each.                      | 1+4=5 |
|      | b. | Define flowchart. Draw the flowchart to find the largest value from three given integer numbers.                                 | 1+4=5 |
| Q.7. | a. | What is multimedia? What are the components of multimedia?   | 2     |
|      | b. | Write short notes on: i) E-mail ii) Computer Virus iii) Office automation iv) Intranet   | 2×4=8 |

**The End**