Reg. No. ☐☐☐☐☐☐☐☐☐

CSE 213

Second Semester M.Sc. Degree Examination, September/October 2022
COMPUTER SCIENCE
Introduction to Information Technology (Open Elective)

Time : 3 Hours   Max. Marks : 70

*Note : Answer **any five full** questions, **each** question carries **equal** marks.*

1. a) Explain the importance of computers in any four applications. **8**

   b) Give the importance of primary and secondary storage devices in a computer. **6**

2. a) Explain the various input/output devices used in digital computer systems. **6**

   b) With an example for each, explain 4 types of operations performed in binary arithmetic. **8**

3. a) Bring out the importance of operating system in a computer system. **7**

   b) Explain the different types of operating systems. **7**

4. a) Define the following terms : **8**
      i) Database   ii) Entities   iii) Attributes   iv) Relational DBMS

   b) Narrate the usage of DBMS in the real world applications. **6**

5. a) With an example for each and its usage, explain the following : **8**
      i) LAN   ii) WAN   iii) MAN

   b) Explain in detail the working of e-mail and file services. **6**

6. a) What is computer network ? Explain the different types of computer network. **7**

   b) Explain the generations of computers. **7**

7. a) Bring out the steps involved in performing "Mail Merge" operation in Word Processing with an example. **7**

   b) Explain the various formatting options available in Excel Spreadsheet in designing a table. **7**

8. a) List out the steps involved in creating a Workbook which involves the students information, their result table and a chart to analyse the class result for various subjects. **7**

   b) Explain the merits/importance of Word Processing, Excel Spreadsheet and PowerPoint presentation in automating an office by reducing the paper work. **7**

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