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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