

**ADIT/BIT PROGRAMME**

**Term-End Examination**

**December, 2010**

**CSI-04 : COMPUTING SOLUTIONS**

*Time : 3 hours*

*Maximum Marks : 75*

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*Note : There are two Sections in this paper. Section—A is compulsory. Answer any three questions from Section—B.*

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**SECTION - A**

1. (a) What is data base system ? Explain any four applications of a database. 10
- (b) What is efficiency ? Explain how efficiency can be measured ? 5
  
2. (a) Explain four main goals of software engineering. 8
- (b) What is an expert system ? How an expert system works ? List areas of applications of expert system. 7

## SECTION - B

3. (a) Write short note on the followings. 9  
(i) MIS  
(ii) Report Design  
(iii) System Security
- (b) What is transaction processing ? What is need of transaction processing ? Explain advantages of transaction processing 6
4. (a) What is data security ? Explain differences between privacy and security. 5
- (b) What is artificial intelligence ? Explain uses of artificial intelligence in the area of computing with the help of example. 10
5. (a) What is object oriented analysis ? Perform object oriented analysis for student examination system. 10
- (b) Explain how user friendliness and flexibility helps the user of an application ? 5
6. (a) What is need of review of a system ? Explain how a system may be reviewed ? 5
- (b) What is structured walk through ? What are its advantages ? 5
- (c) What is an electronic mail (E-mail) ? Explain its advantages. 5