

No. of Printed Pages : 03

Roll No.

D-4

B.Tech. EXAMINATION, May 2017

(Fourth Semester)

(B. Scheme) (Main & Re-appear)

(CSE, IT)

CSE-208-B

INFORMATION SYSTEM ANALYSIS AND
DESIGN

Time : 3 Hours]

[Maximum Marks : 75

Before answering the question-paper candidates should ensure that they have been supplied to correct and complete question-paper. No complaint, in this regard, will be entertained after the examination.

Note : Attempt *Five* questions in all, selecting at least *one* question from each Unit. All questions carry equal marks.

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P.T.O.

Unit I

1. What is Software Development Life-Cycle ?
Explain different phases of SDLC in reference to examination system of any university. **15**
2. Explain, why aspect of Human computer Interface is very important in system design ?
Explain various factors, which need to be considered for providing good and efficient Human Computer Interface. **15**

Unit II

3. What are the ways in which a Mobile stores (sales and service) could benefit by computerizing all the activities of it ? Suggest the hardware and software requirements for that system in detail. **15**
4. Design a DFD (upto 2nd level) for railway reservation system. **15**

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Unit III

5. Explain the following in reference to design of a software (with appropriate example) :**15**
 - (a) Module size
 - (b) Coupling
 - (c) Cohesion.
6. Explain various input/output design aspects for software project management using appropriate example. **15**

Unit IV

7. Design a system for computerizing of laboratory management system using object oriented modeling. **15**
8. Write short notes on the following : **15**
 - (a) Top down strategy
 - (b) Data dictionary.

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