

C 17093

Name.....

Reg. No

SECOND SEMESTER M.Sc.

DEGREE EXAMINATION, AUGUST 2006

Computer Science

CS 202—SYSETM ANALYSIS AND DESIGN

Maximum : 60 Marks

Time : Three Hours

Part A

Answer any **five** questions.
Each question carries 3 marks.

1. Define a data dictionary.
2. Explain the use of data flow diagrams.
3. What is done during analysis phase ?
4. What is the need for normalyation in database design ?
5. What are the different types of testing ?
6. What is an audit trial ?
7. Explain the major phases in hardware/software selection.

(5 x 3 = 15 marks)

Part B

Answer **any three** questions.
Each question carries 15 marks.

8. (a) **Explain the procedure for cost/benefit** determination. (8 marks)
(b) Explain the use of system analysis. (7 marks)
9. (a) Write short notes on HIPO charts. (8 marks)
(b) Explain the need for DBMS. (7 marks)
- 10 (a) Describe briefly about quality assurance. (8 marks)
(b) Explain the need for testing. (7 marks)
11. (a) Explain the various factors to be considered for a system to be selected. (8 marks)
(b) Explain briefly about software maintenance. (7 marks)

[3 x 15 = 45 marks]