P – 6148

B. C. A. (Third Semester)
EXAMINATION, Nov./Dec., 2014

Paper – 303

INTRODUCTION TO SYSTEM ANALYSIS AND DESIGN

Time : Three Hours

Maximum Marks : 80

Minimum Pass Marks : 32

Note– Attempt *all* questions. Each unit carries equal marks.

Unit – I

1. (a) Define system. Also explain its types.

   (b) Distinguish between data and information.

   Or

   Explain the role of system analyst in computerisation of administrative/commercial system.

Unit – II

2. What do you mean by system Planning ? Discuss.

Or

(a) Explain all phases of SDLC.

(b) Explain the classification of cost and benefit analysis.

Unit – III

3. (a) Explain ER Diagram with example.

(b) Explain the conceptual data modeling.

Or

Develope DFD for Admission process of your college.

Unit – IV

4. (a) Define form. Write the classification of Form.

(b) Write note on structured design.

Or

Explain about controls and validation checks.

Unit – V

5. Write short notes on the following (any *two*)–

   (a) System Testing

   (b) Case Tool

   (c) Quality assurance.