(b) What are the major development activities carried out during structural design? 10

(c) Define (any two) : 2+2=4

  (i) Module coupling

  (ii) Module Cohersion

  (iii) Functional Decomposition

6. (a) How do you classify forms? Name and define. 3

(b) What are the requirements of Forms Design. 11

7. (a) What are the different types of testing? 5

(b) Draw digram of primary activities of a maintenance procedure. 9

8. What are the different types of system tests? Explain. 14

9. (a) What is system security? Explain 5

(b) What are the criteria for software selection? 9

10. (a) What is project management? 5

(b) Explain with example Gantt Charts & PERT. 9

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UG Even Semester (CBCS) Exam. September, 2020

COMPUTER SCIENCE
(6th Semester)

Course No: MCSCC-601
(System Analysis and Design)

Full Marks: 70
Pass Marks : 28

Time: 3 hours

The figures in the right margin indicate full marks for the question
Answer any five questions.

1. What is SDLC? Explain its stages. 14

2. (a) What are the various elements of a system? 7

  (b) What are the various types of system? Explain. 7

3. (a) What are the various types oc cost and benefits? Define them with examples. 12

  (b) What do you mean by structured analysis? 2

4. Write notes on : 3+4+4+3=14

  (i) Problem Defination

  (ii) Background Analysis

  (iii) Fact finding

  (iv) Fact analysis

5. (a) What does design phase focus on? 2

Turn Over