(b) Write short notes on : 6

(i) Asking (ii) Prototyping

4. What is Cost/Benefit analysis? Explain various types of select Evaluation methods, explain with exampels. 14

UNIT-III

5. Explain system design in full with proper examples. 14

6. Write short notes on : 5+4+5=14

(i) DBA (ii) File Organisation (c) Database Design

UNIT-IV

7. What is Quality Assurance? What are the Quality factor specifications that contribute to the quality of the candidate system? 2+12=14

8. (a) What is system conversion? 3

(b) With help of a diagram explain the Activity network for conversion. 11

UNIT-V

9. Explain System Security and its approaches? What are the various principles of security? Explain the various attacks that take place. 14

10. Write short notes on (with examples) : 4+5+5=14

(i) PERT (ii) CPM (iii) gantt Chart

****

UG Even Semester Examination, September, 2023

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 margin indicate full marks for the questions.

Answer any five questions, taking one from each unit.

UNIT-I

1. (a) Explain the characteristics of a system? 9

(b) Explain the importance of prototypes. 2

(c) What is Man-Made Information Systems? 3

2. (a) What are the roles of a system analyst? Explain in full. 7

(b) Explain different types of Feasibility study with examples. 7

UNIT-II

3. (a) Compare and contrast between Project Termination and New System Faliure. 8