

M.SC. DEGREE EXAMINATION, APRIL 2018
I YEAR - II SEMESTER
Core Elective -III - ESSENTIALS OF SYSTEM ANALYSIS
AND DESIGN

Time : 3 Hours

Max.marks :75

Section A ($10 \times 2 = 20marks$)

Answer any **TEN** questions

1. Define the term System.
2. List characteristics of a system.
3. List skills required for effective project manager.
4. Define the term Network diagram.
5. What do you mean by project size?
6. List possible decision outcomes after project selection phase.
7. List traditional methods of collecting system requirements.
8. Define dialogue diagramming.
9. Define the form.
10. List steps in logical database modeling and design.
11. List activities performed during project initiation phase.
12. Define Interface and dialogue design.

Section B ($5 \times 5 = 25marks$)

Answer any **FIVE** questions

13. Explain the significance of decomposition of a system.
14. How project plan is represented ? Explain.
15. How project reports can be reviewed ? Explain.
16. List and Explain primary activities of project identification and selection.

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17. Explain various deliverables for requirements determination.
18. Explain activities performed during project planning.
19. Explain key principles of agile methodology.

Section C ($3 \times 10 = 30marks$)

Answer any **THREE** questions

20. Discuss various phases in Software Development Life cycle.
21. Discuss phases involved in Project Management Process.
22. List and describe various methods for assessing project feasibility.
23. Discuss key issues involved in Joint application design.
24. Discuss general guidelines for designing tables.