

25P262

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Name:

Reg.No:

SECOND SEMESTER M.Sc. DEGREE EXAMINATION, APRIL 2026

(CBCSS - PG)

(Regular/Supplementary/Improvement)

CC19PCSS2C10 - PRINCIPLES OF SOFTWARE ENGINEERING

(Computer Science)

(2019 Admission onwards)

Time : 3 Hours

Maximum : 30 Weightage

Part-A

Answer any *four* questions. Each question carries 2 weightage.

1. Discuss software engineering challenges?
2. Explain the different metrics for project size estimation.
3. Explain SA/SD.
4. List down the difference between project plan and test plan.
5. List the different types of information sources and define.
6. Quote on literature survey.
7. Cite few problems faced by research scholar.

(4 × 2 = 8 Weightage)

Part-B

Answer any *four* questions. Each question carries 3 weightage.

8. Explain essential idea behind agile model
9. Summarize why developing a software is called a process.
10. Explain feasibility study. Briefly explain the types of feasibility.
11. Interpret a DFD to second level for library management.
12. Explain object oriented modelling.
13. Analyse the various types of UI design.
14. Analyse the steps involved in test plan.

(4 × 3 = 12 Weightage)

Part-C

Answer any **two** questions. Each question carries 5 weightage.

15. Explain cohesion and coupling in detail.
16. Categorize the method of UI design methodology and process planning.
17. Analyse risk identification and How risks are monitored and managed by project managers. Also list the various types of risks in software projects.
18. Analyse the concept of software coding. Also examine what is meant by code review and documentation.

(2 × 5 = 10 Weightage)
