

**D 122484****(Pages : 2)****Name.....****Reg. No.....****SECOND SEMESTER M.Sc. DEGREE REGULAR/SUPPLEMENTARY  
EXAMINATION, APRIL 2025****(CBCSS)****M.Sc. Computer Science****CSS 2C 10—PRINCIPLES OF SOFTWARE ENGINEERING****(2019 Admission onwards)****Time : Three Hours****Maximum : 30 Weightage****Section A**

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

1. Write about V-Model.
2. Define software metrics.
3. What is cohesion ?
4. What is Black box testing ?
5. Give a note on Literature survey ?
6. Explain about Software Project Management.
7. Define Research.

**(4 × 2 = 8 weightage)****Section B**

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

8. Mention the limitations of waterfall method.
9. Draw a class and object diagram for faculty details.
10. What is Modularisation? Why we will go for Modularisation ?
11. Explain about the integration testing with an example.
12. Describe the different ways to present research findings.

**Turn over**

13. What are the different types of information source ? Explain.
14. Write a brief note on describe the different types of research report.

(4 × 3 = 12 weightage)

### Section C

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

15. Explain about the spiral model in detail.
16. What is pseudo code ? Write a pseudo code for sorting three numbers.
17. Determine project scheduling with an example.
18. What are the different ways of communicating results ? Explain in detail.

(2 × 5 = 10 weightage)