

D 130205

(Pages : 2)

Name.....

Reg. No.....

**FIFTH SEMESTER (CBCSS—U.G.) DEGREE EXAMINATION
NOVEMBER 2025**

Information Technology

BIT 5B 09—SOFTWARE ENGINEERING

(2019 Syllabus)

Time : Two Hours

Maximum : 60 Marks

Section A (Short Answer Type Questions)*Each correct answer carries a maximum of 2 marks, Ceiling 20 marks.*

1. What are the disadvantages of waterfall model ?
2. What is the need for a software process model ?
3. What are class diagrams ?
4. What is COCOMO model ?
5. Define software configuration management.
6. Write notes on quality control.
7. What is the need for SRS ?
8. What is GANTT chart ?
9. What do you mean by software reuse ?
10. What is software maintenance ?
11. Differentiate validation and verification.
12. What is extreme programming ?

Turn over

Section B (Ceiling 30 marks)*Each question carries 5 marks.*

13. Explain about DFD.
14. Differentiate coupling and cohesion.
15. Explain the architecture of a CASE environment.
16. What are the various software design approaches ?
17. Briefly discuss about object modelling using UML.
18. Briefly explain about project cost estimation techniques.
19. Explain spiral model.

Section C (10 marks)*Answer any **one** question.*

20. What are the various software design approaches ? Explain.
21. Explain in detail about black box testing.