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(Pages : 2)

Name.....

Reg. No.....

**FIFTH SEMESTER (CBCSS—UG) DEGREE EXAMINATION
NOVEMBER 2023**

Computer Science

BCS 5B 10—PRINCIPLES OF SOFTWARE ENGINEERING

(2019 Admission onwards)

Time : Two Hours

Maximum : 60 Marks

Section A (Short Answer Type Questions)

*Answer **all** questions, each correct answer carries a maximum of 2 marks.*

Ceiling 20 marks.

1. What is the need of Software configuration management ?
2. Who is a stake holder ?
3. Define refactoring.
4. Define integration testing ?
5. What is recursion ?
6. List the XP values.
7. What is Specification ?
8. Explain the term information hiding.
9. Which are the concurrency mechanisms ?
10. Define Software supportability.
11. Explain use case with the help of a diagram.
12. Which are the uses of spiral model ?

Turn over

Section B (Short Essay Type Questions)

*Answer **all** questions, each correct answer carries a maximum of 5 marks.*

Ceiling 30 marks.

13. Discuss about the various software myths.
14. Discuss about requirements modelling approaches.
15. Explain about user defined data types.
16. Describe about reverse engineering.
17. Which are the McCall's Quality factors ?
18. Explain about Object oriented design concepts.
19. Explain in detail about software reengineering process model.

Section C (Essay Type Questions)

*Answer any **one** question, correct answer carries 10 marks.*

20. Explain about the steps in requirements engineering.
21. Explain about the coding styles.