B.C.A DEGREE EXAMINATION,NOVEMBER 2019
III Year VI Semester
Software Engineering and Testing

Time : 3 Hours **Max.marks :75**

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

Answer any **TEN** questions

1. Define Software Engineering.
2. What is reliability?
3. Discuss product engineering.
4. What is evolutionary process model?
5. What is use cases?
6. What is negotiation in requirements?
7. What is early testing?
8. Define Black box testing.
9. Explain in short acceptance testing.
10. Name the approaches of integration testing.
11. Discuss unified process.
12. What is CMMI?

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

Answer any **FIVE** questions

13. Describe that "Software development is a layered Technology".
14. Explain the System engineering hierarchy.
15. Write about validating requirements.
16. What are the principles of testing?
17. Describe in detail System testing
18. Explain the steps for building the analysis model.
19. Discuss Waterfall model.

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

Answer any **THREE** questions

20. Explain the generic view of software process.
21. Explain the Process models in detail.
22. What are the Requirement engineering tasks?
23. Explain white box testing with an example.
24. Explain in detail the Integration Testing.

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