B.C.A. DEGREE EXAMINATION,APRIL 2020
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. Pen down the elements present in software engineering layers.
2. What do you mean by requirements gathering?
3. What are the different approaches available under Specialized Process Model?
4. List out different stages of spiral model.
5. What are the three different types of requirements?
6. What is state diagram?
7. List out any two challenges in White Box Testing.
8. When to do Black Box Testing?
9. Define Stress Testing.
10. What do you mean by Acceptance Criteria?
11. What is Structural Testing?
12. Expand: RAD

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

Answer any **FIVE** questions

13. Write about Capability Maturity Model Integration (CMMI) levels.
14. Explain the Evoutionary Process Model.
15. Discuss about developing use cases.
16. Explain statistical analysis tools.
17. Write a note on functional system testing.
18. Write on different approaches to software process assessment.
19. Describe system modeling.

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

Answer any **THREE** questions

20. Describe process framework in detail.
21. Discuss in detail about Waterfall Model.
22. Describe: Software Requirement Engineering Tasks
23. Explain different Black Box Testing approaches.
24. Write a note on Integration Testing.

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