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- 15. Explain throw away prototyping.
- 16. Describe design principles.
- 17. Write short notes on user interface design.
- 18. Write a note on :
 - a) Verification
 - b) Validation.
- 19. Explain the contents of Test Plan.
- 20. Write a note on quality control.

SECTION – C

Answer **any three** questions.

(3×15=45)

- 21. a) Explain spiral model with neat diagram. 8
- b) Explain IEEE structure of SRS. 7
- 22. a) Explain the requirement engineering process. 8
- b) Explain different types of cohesion. 7
- 23. a) Explain software reliability metrics. 8
- b) Explain reliability growth modeling. 7
- 24. a) Write a note on object oriented design concept. 8
- b) Explain different styles of user system interaction. 7
- 25. a) Explain the contents of test plan template. 7
- b) Explain various level of testing. 8

SECTION – D

Answer **any one** question. **Each** question carries **10** marks.

(1×10=10)

- 26. Explain COCOMO model in detail. 10
- 27. Explain system engineering process with a neat diagram. 10