

NS - 612



16. Explain the methods for object identification.
17. Write a short note on user interface design.
18. Explain reliability growth modeling with its advantages.
19. Explain thread testing with a diagram.
20. Explain quality assurance in brief.

#### SECTION - C

Answer **any three** questions. **Each** question carries **fifteen** marks :

(3×15=45)

21. Explain spiral model with a neat diagram. Discuss its advantages and disadvantages. 15
22. a) Explain various requirement validation techniques. 9  
b) Explain evolutionary prototyping with a diagram. 6
23. a) Explain different types of cohesion with example. 9  
b) Explain functional oriented design with example. 6
24. a) Describe the five types of user system interaction. 8  
b) Explain four types of software reliability matrices. 7
25. a) Explain any two types of software testing. 8  
b) Explain quality control in brief. 7

#### SECTION - D

Answer **any one** question. **Each** question carries **ten** marks :

(1×10=10)

26. Explain waterfall model with a neat diagram. Mention its merits and demerits. 10
27. Write short note on :
  - a) Risk Management 5
  - b) COCOMO model. 5