



47923/E0230

Reg. No.

--	--	--	--	--	--	--	--

V Semester B.C.A. 6 (NEP) Degree Examination, March/April - 2024

**SOFTWARE ENGINEERING**

**(Regular)**

**Time : 2 Hours**

**Maximum Marks : 60**

**Instructions to Candidates:**

**All Sections are compulsory.**

**SECTION - A**

**Answer any TEN questions.**

**(10×2=20)**

1. Define Software Engineering.
2. What is SRS?
3. List any four software Ethics.
4. Mention software process Activities.
5. What is water Fall model?
6. What is Architectural Design?
7. What is DFD?
8. What are the uses of web applications.
9. List the principles of user Interface Design.
10. What is Software Quality?
11. What is White - Box Testing?
12. Define unit Testing.

**SECTION - B**

**Answer any FOUR questions. Each carries 5 marks.**

**(4×5=20)**

13. Explain software Requirement Document.
14. What is scrum? Explain scrum sprint cycle.

**[P.T.O.]**



15. Describe a layered Architecture with a neat diagram.
16. Discuss the Golden Rules of UID.
17. Explain Black Box Testing.

### SECTION - C

**Answer any TWO questions. Each carries 10 marks.**

**(2×10=20)**

18. Explain Incremental software process model and mention its Merits and Demerits.
  19. What is sequential Diagram? Explain sequential diagram with one example
  20. Write a shorts notes on:
    - a) Functional Requirements.
    - b) Mobile Interface Design Principles.
-