

19. (a) Write about Software Configuration.

Or

(b) Explain about software maintenance.

20. (a) Discuss about web application categories.

Or

(b) Distinguish on Emerging trends in Software engineering.

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**S.No. 4408**

**NSIT 6/ NSCS 6**

(For candidates admitted from 2018–2019 onwards)

**B.Sc. DEGREE EXAMINATION, NOVEMBER 2023.**

**Part III — Computer Science/ Information  
Technology – Major**

**SOFTWARE ENGINEERING**

**Time : Three hours**

**Maximum : 100 marks**

**SECTION A — (10 × 2 = 20)**

**Answer ALL questions**

1. Define Software engineering.
2. Express on requirement engineering.
3. Expand OOD.
4. What is coupling?
5. Define UML.
6. Summarize on Usability.
7. Expand Software configuration.

8. Express on software maintenance.

9. What is web?

10. List out the Advantages of web application.

**SECTION B — ( $5 \times 6 = 30$ )**

Answer ALL questions, Choosing either (a) or (b)

11. (a) Explain about Software process.

Or

(b) Analyse on Requirement engineering.

12. (a) Bring out the Analysis Modeling Approach.

Or

(b) Narrate on modularity.

13. (a) Sketch on Fundamental parts of object oriented approach.

Or

(b) Prepare a note on Golden rules of user interface.

14. (a) Produce a note on Software Coding.

Or

(b) State about software testing.

15. (a) Classify on general web characteristics.

Or

(b) Explain about the drawbacks of web application.

**SECTION C — ( $5 \times 10 = 50$ )**

Answer ALL questions, Choosing either (a) or (b)

16. (a) Elucidate on Software Process model.

Or

(b) Classify various steps involved in requirement engineering.

17. (a) Enumerate on OOA and OOD.

Or

(b) Justify on Cohesion and Layering.

18. (a) Discover on Design Patterns and Framework.

Or

(b) Print out the user interface models.