

S5-362

B.Sc. DEGREE EXAMINATION – MARCH & APRIL, 2022

FIFTH SEMESTER

PART -II

COMPUTER SCIENCE

Paper - VI: SOFTWARE ENGINEERING

(New Regulations 2016-17)

Time : 3 Hours

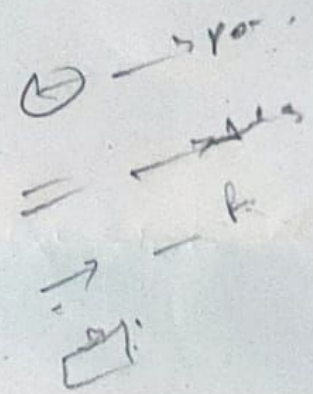
Max. Marks : 75

PART – A

Answer any FIVE questions.

(5 X 5 = 25 marks)

1. What are the Objectives of Software Engineering.
2. Explain about Project Management.
3. Write about Analysis Process.
4. Explain problem of requirements with example.
5. Explain Data flow-oriented design.
6. Explain about the Software Architecture with an example.
7. Write about principles of UI design.
8. What are the Interface Standards? Explain.
9. Explain Validation and System Testing.
10. Write about Black box Testing.



PART – B

Answer ALL questions.

(5 X 10 = 50 marks)

11. (a) Write a detailed note on Software Engineering Process Paradigms.

Or

- (b) Write about Software Estimation Models.

Turn Over

12. (a) Explain Analysis Concepts and Principles

Or

(b) Explain about software requirement analysis and Principles.

13. (a) Explain Architectural and Procedural design.

Or

(b) Explain in detail about effective Modular design.

14. (a) Discuss in detail about User Interface design.

Or

(b) Briefly explain about human computer interface design.

15. (a) Write a detailed note on Reverse Engineering and Re-engineering.

Or

(b) Define CASE tools. Discuss about Integration and Testing tools.