

## C 53116

B.Sc. (Three Year) DEGREE EXAMINATION, OCTOBER/NOVEMBER 2017.

End Semester Examination

Fifth Semester

Computer Science

(Regular/Supplementary)

Paper VI : SOFTWARE ENGINEERING

*Time : 3 Hours*

*Max. Marks : 70*

### PART — A

Answer any FIVE of the following questions. **(5 × 4 = 20 Marks)**

1. What is COCOMO? Explain in detail.
2. Explain software myths.
3. Risk analysis.
4. What is software requirement analysis?
5. Explain structured programming in procedural design.
6. Explain software architecture.
7. What are human factors?
8. How can you measure of reliability and availability?

### PART — B

Answer ALL of the following questions. **(5 × 10 = 50 Marks)**

#### UNIT I

9. (a) Describe about project management process.

Or

- (b) Write about the classical life cycle model.

Turn Over

UNIT II

10. (a) What is feasibility study?

Or

(b) What are the analysis principles?

UNIT III

11. (a) Discuss in detail cohesion and coupling.

Or

(b) What is abstraction and modularity?

UNIT IV

12. (a) Explain human-computer interface design.

Or

(b) Explain different styles of human computer interaction.

UNIT V

13. (a) List and explain various levels of testing.

Or

(b) What is quality assurance?

---