

At the End of Fifth Semester

Degree Examinations

NOVEMBER 2019

Computer Science

SOFTWARE ENGINEERING

(Common for B.A. (CA), B.Sc. (CS), B.Sc. (CA))

(CBCS Pattern)

Time : 3 Hours

Max : 75 Mark

Section A (5 × 5 = 25 Marks)

Answer any five of the following.

1. Describe software project scheduling.
2. Explain the analysis process.
3. Write about cohesion and coupling.
4. Write about user interface design.
5. Describe integration and testing tool.
6. Differentiate between waterfall model and spiral model.
7. Write about quality metrics.
8. Describe software design.

Section B (5 × 10 = 50 Marks)

Answer all the questions.

1. (a) Explain Software Engineering process paradigms with neat diagrams.

(Or)

- (b) Explain process and project metrics.

2. (a) Explain Requirement Engineering process.

(Or)

(b) Explain about analysis model.

3. (a) Explain software architecture.

(Or)

(b) Explain Architecture design and procedural design.

4. (a) Explain about interface design.

(Or)

(b) Describe human computer interaction.

5. (a) Explain Black - Box testing and Path testing.

(Or)

(b) Write about control structures testing.