

At the End of Fifth Semester

Degree Examinations

**OCTOBER 2018**

Computer Science

**SOFTWARE ENGINEERING**

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

(CBCS Pattern)

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Time : 3 Hours ]

[ Max : 75 Marks

**Section A** (5 × 5 = 25 Marks)

*Answer any five questions.*

1. Explain Software Management.
2. Discuss about the requirements analysis
3. What is cohesion ? What are its types ?
4. How a user interface design is evaluated ?
5. Write about elements of SQA.
  
6. Explain size oriented and function oriented functions.
7. Explain function oriented design.
8. Give system response time characteristics.

**Section B** (5 × 10 = 50 Marks)

*Answer all questions.*

1. (a) Narrate project scheduling in detail.

(Or)

- (b) Explain in detail about risk projection.

2. (a) What are the characteristics of SRS ? Write a general structure of an SRS and explain each element.

(Or)

(b) Describe the process of creating an analysis model and list out its elements.

3. (a) Explain in detail different elements on design model.

(Or)

(b) Define and explain various types of coupling.

4. (a) What are the steps used in user interface analysis and design ?

(Or)

(b) What are user interface design issues ? Explain in detail.

5. (a) What is cyclomatic complexity ? How it is used to testing ?

(Or)

(b) Explain about system testing and unit testing.