

Code: IT6T1

**III B.Tech - II Semester – Regular/Supplementary Examinations  
AUGUST 2021**

**SOFTWARE ENGINEERING  
(INFORMATION TECHNOLOGY)**

Duration: 3 hours

Max. Marks: 70

**PART – A**

Answer *all* the questions. All questions carry equal marks

11x 2 = 22 M

**1.**

- a) What is Software Cost.
- b) Write about software myths.
- c) Write short notes on project management process.
- d) What are the advantages of prototyping.
- e) Describe software architecture.
- f) What is the value of good SRS.
- g) What is effort estimation.
- h) What is coupling. Give one example.
- i) Explain unit testing.
- j) What is code inspection.
- k) Define black box testing.

## PART – B

Answer any *THREE* questions. All questions carry equal marks.

3 x 16 = 48 M

2. a) Describe software quality attributes with appropriate Examples. 8 M
- b) Discuss about changing nature of Software. 8 M
3. a) Explain component software process. 8 M
- b) Describe waterfall model. 8 M
4. Discuss various architectural styles for C and C view. 16 M
5. a) Describe about design methodology. 8 M
- b) Discuss about Risk Management planning. 8 M
6. Illustrate White box testing with suitable example. 16 M