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**W—394—2018**

**FACULTY OF SCIENCE AND TECHNOLOGY**

**B.Sc. (Third Year) (Fifth Semester) EXAMINATION**

**NOVEMBER/DECEMBER, 2018**

**(CBCS Pattern)**

**COMPUTER SCIENCE**

**Paper XII**

**(Software Engineering)**

**(Thursday, 6-12-2018)**

**Time : 10.00 a.m. to 12.00 noon**

*Time—2 Hours*

*Maximum Marks—40*

*N.B. :— (i) Attempt All questions.*

*(ii) Assume suitable data, if necessary.*

1. Attempt any *four* of the following : 8
  - (a) Explain the concept of Legacy software.
  - (b) What is process patterns ?
  - (c) What is agility ?
  - (d) What is Architectural Design ?
  - (e) Explain characteristics of good test.
  - (f) Enlist the problems associated with waterfall model.
2. Attempt any *two* of the following : 8
  - (a) Explain the software application domains.
  - (b) Describe the principles that focus on software engineering practice.
  - (c) Explain the personal software process.
3. Attempt any *one* of the following : 8
  - (a) Explain in detail Incremental Model.
  - (b) Describe the generic process trademark activities and umbrella activities.

P.T.O.

- 4. Attempt any *two* of the following : 8
  - (a) Explain agility principles.
  - (b) Describe the analysis Rules of Thumb.
  - (c) Describe the quality attributes for a Software Design.
  
- 5. Attempt any *one* of the following : 8
  - (a) Explain in detail software team structures.
  - (b) Discuss design within the context of software engineering.