

**B.Sc. (I. T.) Sem. - IV (2011 Course) : WINTER - 2018**  
**SUBJECT: SOFTWARE ENGINEERING AND CASE TOOLS**

Day: Wednesday  
Date: 28/11/2018

**W-2018-1104**

Time: 10.00 am to 12.00 Noon  
Max. Marks: 40

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**N.B.:**

- 1) Attempt **ANY FOUR** questions.
  - 2) Figures to the right indicate **FULL** marks.
  - 3) Draw neat diagrams **WHEREVER** necessary.
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- Q.1** a) What is a Software Myth? Explain different types of Myth with examples. (05)
- b) What is a Software component? Explain different types of software product with examples. (05)
- Q.2** a) What is Requirement Engineering? What are the different stages in Requirement Engineering? (05)
- b) Explain the design principle of Software Engineering. (05)
- Q.3** a) Explain feasibility study with its types. (05)
- b) Write a short note on IEEE standards for writing an SRS. (05)
- Q.4** a) What is a Data Flow diagram? What are the objectives of DFD? (05)
- b) What is UML? What are the different components of UML? (05)
- Q.5** a) What does associations, aggregation and composition in a class diagram mean? (05)
- b) What is software maintenance? What are the different types of software maintenance? (05)

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