

B.SC. (I. T.) SEM. - IV (2011 COURSE) : WINTER - 2017

SUBJECT: SOFTWARE ENGINEERING & CASE TOOLS

Day: **Monday**
Date: **18/12/2017**

W-2017-0873

Time: **02.30 PM TO 04.30 PM**
Max. Marks: 40

N.B.:

- 1) Attempt any **FIVE** questions.
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Draw neat and labelled diagrams **WHEREVER** necessary.
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- Q.1** Explain various 'Fact Finding Techniques' in detail. **(08)**
- Q.2** What is UML? Explain various components of UML with examples. **(08)**
- Q.3** Explain the concept of 'Configuration Management' in detail. **(08)**
- Q.4** What is SDLC? Explain various models of SDLC. **(08)**
- Q.5** Differentiate between 'COHESION' and 'COUPLING' with suitable example. **(08)**
- Q.6** Explain various characteristics of a 'System'. What else a 'Software System' guarantees as compared to other 'Hardware Systems'? **(08)**
- Q.7** What is Software Testing? What are the objectives of testing? **(08)**

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