

M. SC. (I.T.) SEM. – II (C.B.C.S. COURSE) (2015 COURSE) :
SUMMER - 2018

SUBJECT: SOFTWARE ENGINEERING

Day: Tuesday
Date: 22/05/2018

S-2018-1029

Time: 10.00 am to 01.00 pm
Max. Marks: 60

N. B.

- 1) Attempt any **FIVE QUESTIONS**.
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Draw neat diagram **WHEREVER** necessary.
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- Q.1** Describe at least one scenario where **(06)**
- a) RAD model would be applicable and not the waterfall model.
 - b) Waterfall model is preferable to all other models. **(06)**
- Q.2**
- a) Explain the requirement engineering process with its four phases. **(06)**
 - b) Write IEEE standard format for requirement documentation. **(06)**
- Q.3**
- a) Describe the important principles and steps of user interface analysis and design. **(06)**
 - b) Describe the various testing strategies. **(06)**
- Q.4**
- a) What are different types of maintenance? Explain each one in brief with an example. **(06)**
 - b) Explain the risk management process with a neat diagram. **(06)**
- Q.5**
- a) Draw and explain the state diagram for weather station system. **(06)**
 - b) Explain any two components of UML with diagram. **(06)**
- Q.6** Write short notes on : **(12)**
- a) Unified Modeling Language
 - b) White Box Techniques

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