

Code No: R1622051

R16**SET - 1****II B. Tech II Semester Supplementary Examinations, November - 2018****SOFTWARE ENGINEERING**

(Computer Science and Engineering)

Time: 3 hours

Max. Marks: 70

Note: 1. Question Paper consists of two parts (**Part-A** and **Part-B**)2. Answer **ALL** the question in **Part-A**3. Answer any **FOUR** Questions from **Part-B**

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**PART -A**

1. a) List various software process models? (3M)
- b) What is formal system specification? (3M)
- c) What are the types of user interfaces? (2M)
- d) What is verification and validation? (2M)
- e) What is SQA? (2M)
- f) What is reusability? (2M)

**PART -B**

2. a) Explain the perspective process models with example? (7M)
- b) What are the steps in a generic process model? (7M)
3. a) Explain requirements gathering and analysis? (7M)
- b) Explain the layered arrangement of modules in software design? (7M)
4. a) Explain the SA/SD methodology? (7M)
- b) Explain the characteristics of good user interface design? (7M)
5. a) Explain the testing of object oriented programs? (7M)
- b) Explain unit testing and integration testing? (7M)
6. a) Explain the SEI Capability Maturity Model? (7M)
- b) Explain computer aided software Engineering? (7M)
7. a) What is maintenance cost? Explain the software configuration management? (7M)
- b) Explain issues in reuse approaches? (7M)