R16

SET - 1

II B. Tech II Semester Supplementary Examinations, November - 2019
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) What are the phases of Unified process?   (3M)

    b) Define cohesion and coupling.   (3M)

    c) Define a DFD model of a system?   (2M)

    d) State the difference between black box testing and white box testing?   (2M)

    e) What is the need for quality management?   (2M)

    f) Define software maintenance?   (2M)

PART -B

2. a) Explain the spiral model for software process with the help of diagram.   (7M)

    b) What are the steps in generic process model?   (7M)

3. a) Explain the steps in software design process?   (7M)

    b) Explain requirements gathering and analysis?   (7M)

4. a) Explain the fundamentals of component based GUI development?   (7M)

    b) Explain an object oriented design with an example?   (7M)

5. a) Differentiate between testing and debugging?   (6M)

    b) Explain the steps in software documentation and give its uses?   (8M)

6. a) Explain the characteristics of case in software lifecycle?   (7M)

    b) Give the importance of case environment?   (7M)

7. a) Explain the steps in software configuration management?   (8M)

    b) Explain the cost of software maintenance?   (6M)

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