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R-15

Code: 5G184

IV B.Tech. II Semester Supplementary Examinations February 2021

Software Architecture

(Computer Science and Engineering)

Max. Marks: 70

Time: 3 Hours

Answer all five units by choosing one question from each unit (5 x 14 = 70 Marks)

UNIT-I

1. a) Briefly explain software architecture with definitions.
b) Explain briefly the properties of a good software architecture design

OR

2. a) Briefly explain what are software constitutes.
b) How to find the status of the architecture. Explain

UNIT-II

3. a) Explain various architecture styles and heterogeneous architectures.
b) Summarize the Process control in detail.

OR

4. What is process control? Explain different software paradigms for process Control.

UNIT-III

5. a) Examine the characteristics of Architectural Design guidance in detail.
b) Discuss about user interface architectures in detail.

OR

6. Explain briefly about World wide Web (case study).

UNIT-IV

7. a) Build the steps in pattern, from mud to structure.
b) Summarize the process of Architecture style in detail.

OR

8. a) Define proxy architectural pattern and explain implementation steps.
b) Discuss about Patterns for Distribution in detail.

UNIT-V

9. Explain in detail about Architectural Description Languages.

OR

10. a) How to choose an ADL? Explain with an example.
b) Explain the evaluating a product line.
