Code: 9A05705

R09

B.Tech IV Year I Semester (R09) Regular & Supplementary Examinations December 2015
SOFTWARE ARCHITECTURE
(Computer Science & Engineering)

Time: 3 hours   Max. Marks: 70

Answer any FIVE questions
All questions carry equal marks

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1   What is architecture business cycle? Elaborate it.

2   (a)   Explain pipes and filters in detail.
    (b)   Write notes on event – based implicit invocation.

3   Explain interpretation in software development environments in detail.

4   (a)   Define user interface architecture and explain.
    (b)   What are the advantages of user interface architecture?

5   Explain briefly about architectural patterns.

6   (a)   Explain about architectural design space.
    (b)   Explain about CORBA.

7   (a)   What is an ADL? What are the advantages of ADL?
    (b)   What are the applications of ADL in system development?

8   (a)   Write notes on organizational implications of a product line.
    (b)   Explain legacy system.

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