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Code: 9D08104

M.Tech I Semester Regular & Supplementary Examinations February 2016

PROTOCOL SOFTWARE ENGINEERING

(Computer Networks)

(For students admitted in 2011, 2012, 2013, 2014 & 2015 only)

Time: 3 hours Max. Marks: 60

Answer any FIVE questions

All questions carry equal marks

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1 Explain the functions of each layer in TCP/IP suite.

2 (a) Describe about communication service specifications

(b) Explain about formal specification in the software process.

3 Explain about different distributed systems architectures.

4 Describe various abstract syntax notations.

5 Define SDL and explain SDL based protocol specifications with examples.

6 (a) Describe SDL based protocol verification.

(b) Explain SDL based tools for conformance testing.

7 Explain about protocol implementation process.

8 Define abstract test method and discuss about PICS and PIXIT for OSINET.

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