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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