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(Pages : 2)

Reg. No.....

Name.....

B.TECH. DEGREE EXAMINATION, NOVEMBER 2008

Sixth Semester

Branch—Computer Science and Engineering/Information Technology

SOFTWARE ENGINEERING (R, T)

(Improvement/Supplementary)

Time : Three Hours

Maximum : 100 Marks

Part A

*Answer all questions.
Each question carries 4 marks.*

1. What are the different phases involved in the software development ?
2. What is the purpose of SRS ?
3. What is Risk Management ?
4. Differentiate between software verification and validation.
5. Define the concept of coupling.
6. Write the importance of structured programming.
7. What do you mean by Symbolic Execution ?
8. What are the metrics to evaluate system design ?
9. What are the basic levels of testing ?
10. What is unit testing ?

(10 × 4 = 40 marks)

Part B

Answer all questions.

11. Explain the various software development process models. (12 marks)
- Or*
12. Explain the role of software metrics in software development. (12 marks)
13. Explain COCOMO software cost estimation model. (12 marks)
- Or*
14. Explain the purpose of Rayleigh curve in software development process. (12 marks)

Turn over