

F 3587

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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