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Name : .....

Sixth Semester B.Tech. Degree Examination, March 2015 (2008 Scheme)

08.602: PRINCIPLES OF PROGRAMMING LANGUAGES (R)
(Special Supplementary)

Time: 3 Hours

Max. Marks: 100

## PART-A

Answer all questions.

- 1. What do you mean by short circuit evaluation? Give an example.
- 2. Distinguish between overloading and overriding.
- 3. Explain variant record with an example.
- 4. What is an exception? How it is handled?
- 5. Describe resolution and unification.
- 6. With a state diagram, explain states of a thread.
- 7. Explain generic function with an example.
- 8. Distinguish between static methods and instance methods.
- 9. What are the main problems with aliases?
- 10. Explain implementation of recursive functions.

(10×4= 40 Marks)

PART-B

MODULE-1

11.-a) Consider the following program.

Program L;

Var n:char;

Procedure W;

Begin

Write(n);

End;





b) Explain any two synchronization strategies used in different languages.

(5+15)