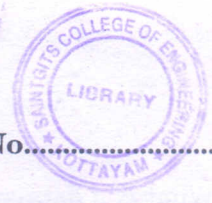


G 1082

(Pages : 2)

Reg. No.....

Name.....



B.TECH. DEGREE EXAMINATION, MAY 2015

Seventh Semester

Branch : Computer Science and Engineering

CS 010 705—PRINCIPLES OF PROGRAMMING LANGUAGES (CS)

(New Scheme—2010 Admission onwards)

[Improvement/Supplementary]

Time : Three Hours

Maximum : 100 Marks

Part A

Answer all questions.

Each question carries 3 marks.

1. Define Binding and Binding time.
2. What is abstract data type ?
3. Write a note on explicit sequence control.
4. What are the general characteristics of Sub programs ?
5. What is Exception Handling ?

(5 × 3 = 15 marks)

Part B

Answer all questions.

Each question carries 5 marks.

6. Explain Static Binding type.
7. Explain how integer and float data types are specified.
8. Write short note on iterative statements.
9. Describe briefly on Overloaded Subprograms.
10. Explain the features of Prolog.

(5 × 5 = 25 marks)

Part C

Answer all questions.

Each question carries 12 marks.

11. Explain the attributes of a good Language.

Or

12. Briefly explain the different types of Binding.

Turn over

13. What is a datatype ? Briefly explain the various primitive data types.

Or

14. Briefly explain Heap storage management.

15. Explain sequencing with arithmetic expressions.

Or

16. Write an essay on selection statements.

17. What are the different design issues specific to functions ?

Or

18. Explain on parameter transmission with examples.

19. Write an essay on Sub program.

Or

20. Explain the features of ADA. Write an example to calculate the sum of an array.

(5 × 12 = 60 marks)

