

Roll No. ....

**2114**

**B. E. 4th Semester (I. T.)  
Examination – May, 2012**

**PROGRAMMING LANGUAGES**

**Paper : CSE-204-E**

**Time : Three hours ]**

**[ Maximum Marks : 100**

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*Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard, will be entertained after examination.*

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**Note :** Attempt any *five* questions out of eight.

1. (a) Discuss procedural & non procedural programming languages. 10
- (b) Discuss C & C++ programming languages. 10
2. (a) Discuss static storage management. 10
- (b) Discuss stack based storage management. 10

3. (a) Discuss Dynamic & Static Scope. 10  
(b) Discuss local data & local referencing environment. 10
4. (a) Describe implicit & explicit sequence control. 10  
(b) Discuss subprogram sequence control. 10
5. (a) Describe concept of evolution of data type. 10  
(b) Discuss information media. 10
6. (a) Discuss variable size data structures. 10  
(b) Discuss vector & arrays. 10
7. (a) Discuss Booleans & characters. 10  
(b) Describe variable & constants. 10
8. (a) Discuss structural data types & its implementation. 10  
(b) Discuss recursive subprograms. 10
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