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**B.Tech. 4th Semester (CSE) F-Scheme Examination,
May-2018**

PROGRAMMING LANGUAGE

Paper-CSE-204-F

Time allowed : 3 hours] [Maximum marks : 100

Note : Q. No. 1 is compulsory and attempt four more questions selecting one question from each unit. All questions carry equal marks.

1. Write the short note on the following :
 - (i) Elementary Data Types
 - (ii) Data Objects
 - (iii) Type Conversions
 - (iv) Recursive Subprograms
 - (v) Dynamic Scope
 - (vi) Shared Data
 - (vii) Major Run Time Elements Requiring Storage
 - (viii) Stack Based Storage Management

Unit-I

2. What are the stages in Translation Process ? Explain them in detail.
3. Discuss about Data Types, specification implementation of elementary data types, declarations, type checking and type conversions in detail.

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Unit-II

4. What do you mean by Structured Data Type ? Write specification of Data Structure Type. Also Give the Operation on Data Structure.
5. Discuss about declaration and type checking of Data Structure.

Unit-III

6. What do you mean by Implicit and Explicit Sequence Control, Sequence Control Within Expressions and Sequence Control Within Statement. Explain in detail.
7. What is Parameter and Parameter Transmission Schemes.

Unit-IV

8. What is a Programmer and System Controlled Storage Management. Discuss its phases.
9. Given a Comparison of C and C++ programming languages.

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