Seat
No.

T.E. (CSE) (Semester - V) Examination, November - 2018
SYSTEM PROGRAMMING
Sub. Code : 66294

Day and Date : Thursday, 22 - 11 - 2018   **Total Marks : 100**
Time : 10.00 a.m. to 01.00 p.m.

Instructions :
1) Question No.4 and 8 are compulsory.
2) Answer any two questions from Question No.1, 2 and 3.
3) Answer any two questions from Question No.5, 6 and 7.
4) Figures to right indicate full marks.

Q1) a) Discuss the fundamentals of language processing.   [8]

b) What are the Data structures used in Pass I of Assembler?   [8]

Q2) a) State and explain various advanced macro facilities with an example each.   [8]

b) Compare between Varient I and Varient II of Intermediate Code.   [8]

Q3) a) Discuss in detail processing of declarations and assembler directives.[8]

b) Explain different data structures of the macro preprocessor with its contents in detail.   [8]

Q4) Write short note on :   [18]

a) LC processing.

b) Intermediate Code Forms.

c) Macro Definition and Call.

Q5) a)   Give components of Interpreters and Explain Use of Interpreter.   [8]

   b)   Discuss in detail; aspects of compilation.   [8]

Q6) a)   Explain Design of Linker.   [8]

   b)   Write in detail; Intermediate code for Expression.   [8]

Q7) a)   Explain Design of an Editor with suitable diagram.   [8]

   b)   Explain Programming Environment S/W System.   [8]

Q8) Write a short note on : (Solve any three)   [18]

   a)   Command Dialogs.

   b)   Parameter passing mechanism.

   c)   UI Structure.

   d)   Text Editors.

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