

No. of Printed Pages : 4

Roll No.

120935/030935

3rd Sem. / Electrical / Power Station Engg.

Subject : Computer Programming & Applications

Time : 3 Hrs.

M.M. : 100

SECTION-A

Note: Very Short Answer type questions. Attempt any 15 parts. (15x2=30)

- Q.1
- a) What are Escape Sequences?
 - b) What is the key words?
 - c) Write symbol of assignment operators.
 - d) Define file.
 - e) Explain void() function.
 - f) Describe the Modulus Operator (%).
 - g) Explain exit () function.
 - h) What is a two dimensional array?
 - i) Define formal parameter.

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- j) Define Machine language.
- k) Define Algorithm.
- l) Define PSIM.
- m) What is Integer?
- n) Where was C originally developed and by whom?
- o) What is flow chart.
- p) Define Compiler.
- q) Each 'C' program start with _____ function.
- r) What is Interpreter?

SECTION-B

Note: Short answer type questions. Attempt any ten parts 10x4=40

- Q.2
- i) Explain get char () and put char () functions with example.
 - ii) Explain switch statement with syntax.

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- iii) What is Looping? Explain its advantages.
- iv) What is the difference between Break statement and continue statement?
- v) Write a program to find number is even or odd.
- vi) What is file. Write various operations performed on a file.
- vii) Explain the various functions stored in string.h
- viii) Give detail of rules for declaring variable.
- ix) Explain types of function used in 'C'.
- x) How are multi dimensional array defined?
- xi) Describe two logical operators included in 'C'. What is the purpose of each?
- xii) What is the difference between flow chart and Algorithm?
- xiii) Explain the concept of compiler.
- xiv) For what kinds of applications are union useful?

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- xv) Explain what do you understand by PSPICE software?

SECTION-C

Note: Long answer type questions. Attempt any three questions. 3x10=30

- Q.3 Explain various Data Types used in 'C'.
- Q.4 What is a file? Explain various file handling function used in C.
- Q.5 Explain the computer applications overview through applications software related to electrical engineering.
- Q.6 Explain various operators used in C.
- Q.7 What is high level language? Explain in detail the basic structure of 'C' program.

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