

Subject : Procedure Oriented Programming

Day : Monday
Date : 06/06/2016



Time : 10.00 A.M. TO 1.00 P.M.
Max Marks : 80 Total Pages : 1

N.B

- 1) Attempt Any **THREE** questions from section-I.
 - 2) Attempt Any **TWO** questions from section-II.
 - 3) Each question carries **16** marks.
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SECTION-I

- Q.1** Define a file and elaborately discuss about reading, writing, opening and closing of a file with examples.
- Q.2**
- a) Explain in detail about pass by value and pass by address. Explain with a sample program.
 - b) State the rule for initializing structure.
- Q.3** What do you mean by functions? Explain various types of functions in detail with examples such as
- a) Function with argument and return values.
 - b) Function with argument and no return values.
 - c) Function with no argument and no return values.
- Q.4** What is mean by operators? Explain Arithmetic, relational, logical and conditional operators with examples?
- Q.5**
- a) Compare while and Do-while statement
 - b) Explain the all steps involved in execution of 'C' program.
- Q.6** Write short note Any **FOUR** of the following:
- a) Control statement in C
 - b) Data types in C
 - c) Preprocessor directives
 - d) String manipulation functions
 - e) Union
 - f) Macros in 'C'

SECTION-II

- Q.7**
- a) Write a c program to read a string and check whether it is palindrome or not [ex:- madam – is a palindrome]
 - b) Write a recursive function for to print sum of digit.
- Q.8** Create an employee structure having details are emp-id, emp – name, emp – design, dept, date – of- joining. Read 20 data employees and to print details employees which are working in sales department and who joined in month of June.
- Q.9** Create a student.dat file (having fields are R-No, name, course, fees) and create two files from student.dat such as the first file contain data of MCM student and Second file contain MCA student data.

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