

(S.D.E)
M.C.A. SEM – I (CBCS – 2018 COURSE): WINTER 2018
SUBJECT: C PROGRAMMING

Day: Wednesday
Date: 28/11/2018

W-2018-4786

Time: 10.00 AM TO 1.00 PM
Max Marks. 70

N.B.

- 1) Attempt any **FOUR** questions from Section – I and attempt any **TWO** from Section – II.
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Answers to both sections should be written in **SEPARATE** answer books.
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SECTION - I

- Q.1** Define following (10)
- a) Interpreter
 - b) Linker
 - c) Loader
 - d) Compiler
- Q.2** Explain basic Input and output statements in C with suitable example. (10)
- Q.3** Explain all types of if then else statements with example. (10)
- Q.4** What is an array? Explain binary search by using an array. (10)
- Q.5** What is function? Explain functions used by parameter passing, call by value and call by reference. (10)
- Q.6** Write short notes on any **TWO** of the following (10)
- a) Recursion
 - b) Pointer
 - c) Structure

SECTION - II

- Q.7** a) Write a program to find maximum of three numbers using conditional operators. (08)
- b) Write a program to swap values of two numbers. (07)
- Q.8** a) Write a program to find entered year by user is leap year or not. (08)
- b) Write a program to display first ten natural numbers and their sum. (07)
- Q.9** a) Write a program to find table of a number using an array. (08)
- b) Write a program to search entered number in an array. (07)