

I.M.C.A. SEM-I (2014 COURSE) CBCS : WINTER - 2017

SUBJECT: C- PROGRAMMING - I

Day : **Tuesday**
Date : **14/11/2017**

Time : **02.00 PM TO 05.00 PM**
Max. Marks: 100

W-2017-1658

N.B.

- 1) Attempt any **FOUR** questions from Section – I. Each question carry 15 marks
- 2) Attempt any **TWO** questions from Section – II. Each question carries 20 marks.
- 3) Answers to both the sections should be written in the **SEPARATE** answer book.

SECTION – I

- Q.1** Explain with example various decision statement used in C.
- Q.2** What is pointer? Explain the advantage of pointer in C.
- Q.3** Define string. Explain any five string functions.
- Q.4** Explain in brief the different of operators supported in C.
- Q.5** Define function. Explain the term function declaration, function definition, function call and function parameters in brief.
- Q.6** What is array? Explain various types of array with example.
- Q.7** Write short note on any **TWO**:
 - a) Storage classes in C
 - b) Data types in C
 - c) Formatted input and output functions

SECTION – II

- Q.8**
 - a) Write a C program to check whether the given number is prime or not.
 - b) Write a C program to find even numbers between 1 to 100.
- Q.9**
 - a) Write a C program to swap two numbers.
 - b) Write a C program to find a maximum of three given numbers.
- Q.10** Write a menu driven program in C by using functions to calculate square, cube and square root of given number.

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