

B.C.A. SEM-I (2014 COURSE) CBCS : SUMMER - 2018

SUBJECT: C- PROGRAMMING - I

Day : Wednesday
Date : 02/05/2018

S-2018-1696

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

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.
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SECTION – I

- Q.1** Define function. Explain the term call by value and call by reference with example.
- Q.2** Write structure of C Program to explain the different datatypes present in C.
- Q.3** What is mean by decision statement? Explain Switch-Case statement with example.
- Q.4** Explain the arithmetic and relational operators with example.
- Q.5** Discuss different storage classes present in C.
- Q.6** What do you mean by sorting of an array? Explain the different sorting techniques.
- Q.7** Write short note on any **TWO**:
- a) Pointer
 - b) For loop in C
 - c) String functions

SECTION – II

- Q.8** a) Write a C program to display all number between 1 to 100 which are divisible by 5.
- b) Write a C program to print factorial of given number.
- Q.9** a) Write a C program to print odd and even numbers between 1 to 100 numbers.
- b) Write a C program to check the given number is palindrome or not.
- Q.10** a) Write a C program to print Fibonacci series.
- b) Write a C program to print the reverse of the given string.

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