

B.C.A. SEM-II (2014 COURSE) CBCS : SUMMER - 2018
SUBJECT : C PROGRAMMING - II

Day : **Wednesday**
Date : **02/05/2018**

S-2018-1700

Time : **10.00 AM TO 01.00 PM**
Max. Marks : 100

N. B. :

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

- Q. 1** What is recursion? Explain its need with example. (15)
- Q. 2** Illustrate how we can make use of structure to define user defined types. (15)
- Q. 3** List and explain dynamic memory management functions. (15)
- Q. 4** What do you know about formatted input/output; how to write and read such data from file. (15)
- Q. 5** Explain use of command line argument with example. (15)
- Q. 6** List any five functions in graphics and describe use of it. (15)
- Q. 7** Write short notes on **ANY THREE** of the following: (15)
- a) Union
 - b) Preprocessors
 - c) Bitwise operators
 - d) Limits.h

SECTION - II

- Q. 8** Write a structure to represent book and use to create database of book. (20)
- Q. 9** Write a program to copy content one file into another; when coping copy only those lines containing word "how". (20)
- Q.10** Write a C program to read n integers and print sum of all the numbers which are divisible by both 3 and 7. Make use of a function to check whether number is divisible by both 3 and 7. (20)

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