

**I M. Q. A - SEM-II (2014 Course) CBCS : SUMMER - 2019**  
**SUBJECT: C PROGRAMMING - II**

Day : Monday  
Date : 22/04/2019

S-2019- 2119

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

**N.B.**

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

**SECTION – I**

- Q.1** Explain various file handling functions. **(15)**
- Q.2** Explain working of recursive function. **(15)**
- Q.3** Discuss types of header files and their purpose. **(15)**
- Q.4** What are storage classes in 'C', explain with example. **(15)**
- Q.5** What are pointers? Explain their need along with possible operations on pointers. **(15)**
- Q.6** Explain structures and unions along with their similarities and differences. **(15)**
- Q.7** Write short notes on any **THREE**: **(15)**
- a) Display modes
  - b) Function Pointer
  - c) Command line argument
  - d) File organization

**SECTION – II**

- Q.8** Write a program to print all prime numbers between 1 to 500. **(20)**
- Q.9** Write a display sum function to print sum of digits of any given number. **(20)**
- Q.10** Write a program to print given number in words. **(20)**

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