

I-1054

M.A./M.Sc. (Final) Examination, 2020

MATHEMATICS

(Optional)

Paper - II

(Programming in C with ANSI features)

Time Allowed : Three Hours

Maximum Marks : 100

Minimum Pass Marks : 36

Note : Attempt any five questions. All questions carry equal marks.

- Q. 1.** What is meant by conditional branching ? Explain if statement with its all forms.
- Q. 2.** What is meant by data type conversion in expression ? Explain with types.
- Q. 3.** What is meant by operators of C ? Explain relational and logical operators in detail.

I-1054

P.T.O.

(2)

- Q. 4.** Explain increment and decrement operator with example.
- Q. 5.** What is meant by Array ? Explain all types of arrays available in C language.
- Q. 6.** Write a program to sort 10 numbers in ascending order, stored in single dimension array.
- Q. 7.** What is meant by structure ? Explain array of structure with example.
- Q. 8.** What is dynamic memory allocation ? Explain the functions used for dynamic memory allocation.
- Q. 9.** What is meant by file handling in C language ? Explain the functions which are used in file handling.

I-1054

(3)

Q. 10. Write a program to store information about 3 students in a file and display them.

