

Exam. Code : 103202

Subject Code : 1008

B.A./B.Sc. Semester—II
COMPUTER APPLICATIONS
(Programming Using C)

Time Allowed—3 Hours]

[Maximum Marks—75

Note:— There are **EIGHT** questions. Attempt any **FIVE** questions.

- I. (A) Define ERROR. What are the different types of errors ? 8
- (B) Explain basic structure of C Program. 7
- II. (A) Explain STATIC and EXTERN STORAGE CLASSES with the help of example. 8
- (B) What do you mean by POINTERS ? Explain with program. 7
- III. What do you mean by RECURSION ? Explain with the help of program. 15
- IV. Describe the different types of CONTROL STATEMENTS in detail. 15

- V. (A) Write a program to sort a list of numbers with the help of an ARRAY. 8
- (B) Explain EXTERN and REGISTER storage classes with the help of example. 7
- VI. Explain the different types of DATA INPUT/OUTPUT FUNCTIONS in detail. 15
- VII. (A) Write a program to insert an element in ARRAY. 8
- (B) What do you mean by ARRAY ? Explain the different types of ARRAY. 7
- VIII. What are the different types of DATA TYPES used in C-Language ? Explain with the help of example. 15