



- 15) a) Explain any five string functions. 5
 b) Explain recursion with example. 5
- 16) Explain different types of User-defined functions with examples. 10
- 17) a) Write a program to add two matrices using arrays. 5
 b) Explain the purpose of malloc() and calloc() functions with example. 5
- 18) a) Explain any five mathematical functions with an example. 5
 b) Write a program to generate prime numbers. 5
- 19) a) How a structure can be passed to a function ? Explain. 5
 b) List the differences between Structures and Union. 5
- 20) a) Illustrate pointer arithmetic with an example program. 5
 b) Explain the writing and reading the information with a file. 5



SECTION - B

(5x10=50)

II. Answer any five questions. Each question carries ten marks.

5

13) a) Write any five features of C programming.

5

b) Illustrate the structure of C Programming with an example.

10

14) Describe the working of looping statements with respective

example.

P.T.O.