

'C' PROGRAMMING-II

Time : 3 Hours

Maximum Marks : 90

(COMPULSORY QUESTIONS)

1.
 - i) Explain the strlen () function and strepy (function).
 - ii) How Structure is initialized?
 - iii) How pointer is declared? Explain.
 - iv) Write down the purpose of fflush () function.
 - v) Give one example depicting Macro.
 - vi) What is significance of header files?
2.
 - i) Write a program to reverse a string.
 - ii) What is enumerated data type? Explain with an example
3.
 - i) Write the advantages and disadvantages of structure and union over each other.
 - ii) Explain the following concepts :
 - a) Array of Structures.
 - b) Structure within Structure.

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Unit-II

4.
 - i) Define pointer variable. Explain various operations that can be carried using pointer variable.
 - ii) Explain the following concepts
 - a) Pointer to Pointer
 - b) Dynamic allocation using pointers
5.
 - i) Explain the following concepts :
 - a) Pointer assignment
 - b) Pointer arithmetic
 - c) Pointer comparison
 - ii) Explain the concepts of array of pointers with examples.

Unit-III

6.
 - a) Differentiate between `printf ()` and `fprintf ()` functions by giving examples.
 - b) Elaborate on the following :
 - i) Types of file
 - ii) Errors in file handling
 - iii) File access method
7. Explain in detail various file handling function available in C by giving examples.

Unit-IV

8. List and explain at least six preprocessor directives along with examples.

9. a) Explain the concept of Macros in detail by giving examples.
- b) Define command line arguments. How do we use them in 'C' language? Explain with examples?

