

C 59095

(Pages : 2)

Name.....

Reg. No.....

**THIRD SEMESTER B.TECH. (ENGINEERING) DEGREE
EXAMINATION, JUNE 2009**

CH 04 302 - COMPUTER PROGRAMMING IN C

(2001 Admissions)

[Common to all except CS, IT, PT]

Time : Three Hours

Maximum : 100 Marks

Answer all questions

Part A

1. List out the differences between High and Low level languages.
2. What do you mean by a compiling program?
3. Explain the terms: Lexical elements and Numerical Constants.
4. Discuss briefly about the Bitwise operators and applications.
5. Give an example and explain about if else statement.
6. Write a technical note on "Recursion".
7. Differentiate one dimensional arrays with multidimensional arrays.
8. Discuss briefly about unformatted files.

(8 × 5 = 40 marks)

Part B

- II. (a) With suitable example, explain about developing algorithms in C. Also explain its flow chart.
- Or*
- (b) Write a short note on Compilers and Interpreters.
- III. (a) Discuss in detail about arithmetic operators. Give suitable examples.
- Or*
- (b) Write a technical note of the following :
- (i) Logical and Conditional operator
 - (ii) Precedence and associativity of operators

Turn over

IV. (a) Explain the control statements used in C Program. Give suitable examples.

Or

(b) Discuss in detail about user defined functions and library functions.

V. (a) Discuss in detail with suitable examples of the following terms:

(i) Stacks, Strings.

(ii) Enumerated data types.

Or

(b) Write a technical note on Unions and Pointers.