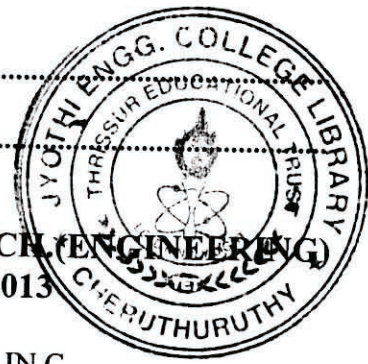


C 8513

Name.....

Reg No.....



**COMBINED FIRST AND SECOND SEMESTER B.TECH (ENGINEERING)
DEGREE EXAMINATION, APRIL 2013**

EN 09 109(P) COMPUTER PROGRAMMING IN C

(2009 Scheme)

Time: 1 Hour

Maximum: 25 Marks

PART A

(Answer all questions)

1. Differentiate between machine language and assembly language.
2. Write any two functions of operating system?
3. What is the difference between while and do-while loop in C?
4. Explain the concept of functions in C?
5. Compare array and structure in C.

(5 x 1 = 5 marks)

PART B

6. a) Explain the basic functional units of a computer with a neat diagram.

OR

- b) Discuss the latest trends in storage memory devices.

7. a) Discuss the various decision making statements used in C.

OR

- b) Write the algorithm and flowchart to find the sum of first N numbers

8. a) List and explain the various string handling functions in C.

OR

- b) Write a C program to separate odd and even numbers from an array of N numbers.

9. a) What is a pointer? Explain with an example.

OR

- b) Define a structure student with fields name, roll number, mark1, mark2 and mark3. Write a program to read and print name, roll number, mark1, mark2 and mark3 along with total marks.

(4 x 5 = 20 marks)