

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY-2008**I B.TECH SUPPLEMENTARY EXAMINATIONS
COMPUTER PROGRAMMING
(MECHATRONICS)****AUG/SEP-2008****MARK-3 HOUR
MARK-80****ANSWER ANY FIVE QUESTIONS. ALL QUESTIONS CARRY EQUAL MARKS.****MARKS [16*5=80]**

1. (a) What do you mean by enumerated data type explain with example?
(b) Define local and global variable.
2. (a) What are the commonly used Input / Output functions used in 'C'. How they are accessed?
(b) What is the standard Input / Output header files in 'C'? How it is used?
3. Write a program to find sum of odd & even series by using function with argument and no return value.
4. Explain an array , array declaration and features of array.
5. (a) Write a program to print name, address using structure.
(b) Write a program to print name, marks using structure.
6. (a) What are the different accessing modes?
(b) What is the purpose of fopen(), fclose()?
7. Write a program to evaluate the following expression $X = A + B * C$ infix to postfix using stack.
8. (a) What is a network?
(b) What is a spanning tree?
(c) Define minimal spanning tree.
(d) What are the various traversals in a tree?