GANPAT UNIVERSITY
B. TECH. SEM. – II (ME/MC/CI/EE)
REGULAR EXAMINATION MAY / JUNE - 2012
CE 101: COMPUTER PROGRAMMING

Time: 3 Hours]   **[Total Marks: 70**

Instructions:
1. Figures to the right indicate full marks.
2. Each section should be written in a separate answer book.
3. Be precise and to the point in your answer.

SECTION-I

Q.1 **(a)** What is ANSI C. Give the features of C. (5)
      (b) What is C Token? Explain categories of C token with proper Examples. (5)
      (c) Explain dangling else problem. (2)

OR

Q.1 **(a)** List the various data types of C with its size and format specifiers. (6)
      (b) Explain the Structure of C program with suitable example. (6)

Q.2 **(a)** Explain the difference between postfix and prefix operators. (6)
      (b) Explain precedence & associatively of operator. (5)

OR

Q.2 **(a)** Explain nested if else by giving proper example. (6)
      (b) Is it compulsory to write break statement in cases of switch? Justify with suitable example. (5)

Q.3 **(a)** Write a program for login. You should take input from the user like username and password in terms of number and then if user is giving the right username and password then you should print the message like "Login Successful" otherwise "Login Failed, Try Again" and ask user to enter again. (6)

      (b) Write a program to list out all even numbers between 1 to 50. (6)

[P.T.O]

Q.4 **(a)** Write a program to display the starts as shown below (5)

```
    1
   22
  333
 4444
55555
```

(b) Write a program to display Fibonacci series for some specific range. (5)

(c) Which are the two ways to pass the parameters in the user define function? (2)

OR

Q.4 **(a)** Explain: While & Do while statement by using proper example. (6)

(b) Explain recursion by example. (6)

Q.5 **(a)** How to compare two strings? Discuss it by giving example. (6)

(b) Discuss the two ways to initialize the 2-D array by help of some example. (5)

OR

Q.5 **(a)** Explain Storage class with suitable examples. (6)

(b) Explain different categories of UDF. (5)

Q.6 **(a)** Write a program to enter integer elements and sort them in descending order. (6)

(b) Write a program to count number of characters in a given string. (6)

END OF PAPER