Release 1.0/ 2007/SCA/KIITU/24092007

THEORY ASSIGNMENT: UNIT 3 & UNIT 4

1. **What is an array.**

2. **How an array can be initialized. Explain with examples.**

3. **What is a multidimensional array. Explain with an example.**

4. **What is a string. Write a program to declare a character array of size 30, Accept your name from the keyboard and display the same.**

5. **What is the use of strcpy(), strcmp(), strcat and strlen(). Explain with examples.**

6. **Define a function. What is the meaning of monolithic programs and modular programs.**

7. **What is the meaning of user defined function and standard function**

8. **Distinguish between formal and actual arguments.**

9. **What is call by value and what is call by reference.**

10. **Write a short note on function prototype.**

11. **What is recursion. Write a program to calculate factorial using recursion.**

12. **Write a note on storage classes: auto, extern, global, and static**

Students,
Wanting to win is common to all; working to win is the real mark of a champion. A dream is not what you see in sleep, it is the thing that does not let you sleep. Start believing in yourself and the world will start believing in you. The key to anyone's success is living your life with absolute passion, so passionately it manifests in every waking moment of your life, it influences your thoughts and behaviors and inspires others.

Study 24x7. YOU CAN DO IT !!!

Good Luck and Best Wishes.

Pre mid semester preparatory examination: 1st October 2007.
Last date for submission of theory assignment (chapter 1 – chapter 4): 1st October 2007

Please Note:
Attendance in the Examination is COMPULSORY.
Submission of Theory Assignment is MANDATORY.