SAGARMATHA COLLEGE OF SCIENCE & TECHNOLOGY
(Tribhuvan University Affiliated)
Sanepa, Lalitpur, Nepal
(2075, Poush)

Exam		Test I	
Level	B.Sc.	Full marks	30
Programme	CSIT	Pass marks	12
Year/Part	I/I	Time	1.5 Hrs.

Subject: C Programming

- Candidates are required to give their answers in their own words as far as practicable.
- The figures in the margin indicate *Full marks.*

Set A (1x10=10)

Attempt any two questions.

1. What are different types of operators available in C. Explain 3 of them in detail? (4+6)

2. How do you declare variable in a program in C? Write a program to find the largest among three numbers you entered. Also write flowchart for it. (3+7)

Set B (4x5=20)

Attempt any 4 questions.

3. Write an algorithm to check whether a number entered is even or odd. (4)

4. What is data type conversion? Explain typecasting with an example. (2+2)

5. Write a program to display cube if a number entered is even and display square if it is odd. (4)

6. Write a general syntax for switch statement. Write a program to print equivalent uppercase letter when a lower case letter is entered. (1+3)

7. Write a general syntax for else if ladder and write a small program using it (1+3)