

**Tribhuvan University**  
**Institute of Science and Technology**  
**2071**

Bachelor Level/ First Year/ First Semester/ Science  
**Computer Science and Information Technology (CSc. 102)**  
(Fundamental of computer programming)

Full Marks: 60  
Pass Marks: 24  
Time: 3 hours.

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

**Attempt all questions:**

1. Explain the structure of C-Program with example.
2. What do you mean by statements? Explain the different types of statement with example.
3. Explain the relational operator and Increment/decrement operator with example.
4. What are the four types of control statement use in C programming? Explain.
5. Explain the functions and its types use in C programming with example.
6. Write a program to accept 10 numbers and print the sum of these numbers through function.
7. Explain the use of pointer in C-programming. How can you declare the pointer? Explain with example.
8. Write a program to accept 10 numbers and sort them with using pointer.
9. Write a program to read the data file which has following details.
  - a. Name
  - b. Age
  - c. Test player
  - d. Total run.
10. Explain the passing structure to function with example.

OR

Write short notes on:

- a. Graphics function
- b. Formatted I/O