

POKHARA UNIVERSITY

Level: Bachelor

Semester: Fall

Year : 2017

Programme: BE

Full Marks: 100

Course: Programming in C

Pass Marks: 45

Time : 3hrs.

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 the questions.

1. a) What do you mean by programming language? Discuss on machine language, assembly language and high-level language. 7
- b) Define algorithm and flowchart. Draw a flowchart to read 3 numbers from the user and find the smallest one. 8
2. a) What is an operator? Explain the conditional operator with suitable 7

structure different from Union? Give example codes.

- b) What are the different modes of opening a file? Write a program to create a file "hello.txt", write data into the file and finally read the data from the file. 7

7. Write short notes on: (Any two) 2x5

- a) Dynamic Memory Management
- b) String Handling Functions
- c) Self-referential Structure