

**National University**

**of Computer & Emerging Sciences Peshawar Campus**



Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Roll No: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Program: BSCS

Semester: SPRING – 2018

Time Allowed: 1: 00 hour

Course: CS101 (Introduction to Computing)

Examination: Sessional II

Total Marks: Weightage: 15%

Date:

Instructor: Shakir Ullah Shah

**NOTE:** Attempt all questions. In case of an ambiguity in a question, make an assumption, write your assumption and carry on with the question.

1. Create a a dictionary that contains student names as keys and marks in Sessional-I as values prints the contents of the dictionary as below:
2. Write python code to opens a file named words for reading purpose containing 10 lines, that resides in a directory named dict, which resides in share, which resides in usr, which resides in the top-level directory of the system, called /. Print only its send line

solution

f = open("/usr/share/dict/words","r")

print f.readline()

1. Whenever a runtime error occurs, it creates an exception. Usually, the program stops and Python prints an error message. Let we want to execute an operation that could cause an exception, but we don’t want the program to stop.

Write some code that uses inputNumber (given below) and handles the BadNumberError exception.

def inputNumber (num) :

if num == 7 :

raise ’BadNumberError’, ’7 is a bad number’

return num

Solution: