

**REGENT UNIVERSITY COLLEGE OF SCIENCE AND TECHNOLOGY**

**FIRST SEMESTER EXAMINATION**

**SICS 151 PRINCIPLES OF Programming – C Language**

**LECTURER: CHRISTY EUNAICY**

**July 2005**

**TIME: 3hr**

**Part-A**

**Answer all the questions**

1. Write the rules for *constructing variable names*.
2. Write the syntax for *Output statement* and give example.
3. What's the difference between *While* loop and *Do-While* loop?
4. Write the syntax for Switch statement.
5. Define **Arrays**

**10 marks**

**Part-B**

**ANSWER TWO QUESTIONS**

6. a) Write a program to *calculate the Simple Interest*

**[OR]**

b) Write a program to **print the numbers from 1 to 10 and their squares:**

7. a) In a company an employee is paid as under:

If his *Basic Salary* < 1500, then *HRA* = 10% of basic salary and *DA* = 90% of basic salary; If his *salary* is either

