



# Nalanda College – Colombo 10

## Unit Evaluation

Grade 11

Information and Communication Technology

Unit 01

- **Write down the correct answer.**

- 1) What is an algorithm?
- 2) What are the ways of representing an algorithms?
- 3) Explain different types of control structures.
- 4) Draw a flow chart to get the total and average of given 2 numbers.
- 5) Draw a flow chart to print the student results according to marks give below.

If marks are  $\geq 50$  – pass

If marks are  $< 50$  – fail

- 6) Draw a flow chart to print 1 to 10 numbers.
- 7) Write a pseudo code to print the total of give 2 number.
- 8) Write a pseudo code to print the results of students according to marks given below.
 

If marks  $\geq 50$  – pass  
If marks  $< 50$  – fail
- 9) Write a pseudo code to print 1 to 10 numbers.
- 10) What is an identifiers and write down he rules that should be in declaring an identifier .
- 11) What are the standard data types is Pascal.
- 12) What is a variable?

13) Using different operators do the following calculations.

1.  $6 + 3 =$

2.  $7 - 4 =$

3.  $2 + 5 =$

4.  $10 / 4 =$

5.  $20 \text{ DIV } 6 =$

6.  $20 \text{ MOD } 6 =$

7.  $7 > 8 =$

8.  $5 < 10 =$

9.  $2 < > 3 =$

10.  $(3 > = 2) \text{ AND } (3 < > 3) =$

11.  $(3 < 5) \text{ OR } (2 > 3) =$

14) What is an arrays?

15) What is the programming language?

16) What are features of the following the programming languages?

- Machine language
- Assembly language
- High – level programming languages