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.

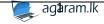
If marks are
$$\geq 50$$
 – pass
If marks are < 50 – fail

- 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?



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- 13) Using different operators do the following calculations.
 - 1.6 + 3 =
 - 2.7 4 =
 - 3.2 + 5 =
 - 4.10/4 =
 - 5. 20 DIV 6 =
 - 6. 20 MOD 6 =
 - 7.7 > 8 =
 - 8.5 < 10 =
 - 9.2 <> 3 =
 - 10. (3 > = 2) AND (3 < > 3) =
 - 11. (3 < 5) OR (2 > 3) =
- 14) What is an arrays?

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- 15) What is the programming language?
- 16) What are features of the following the programming languages?
 - Machine language
 - Assembly language
 - High level programming languages