

Worksheet

1

Name:

Roll No: Class: Section:

Date:

ALGORITHM AND PSEUDOCODE

Chapter-5

A. Fill in the blanks.

1. A is a diagrammatic representation of a step-by-step plan which is followed to solve a problem.
2. is the set of rules for writing a programming language.
3. has no syntax of any programming language and can be easily understood.
4. The main constructs of pseudocode describe the of the algorithm.

B. Write 'T' for true and 'F' for false.

1. Algorithms must be dependent of programming language.
2. Programming language are C, C++, Java, JavaScript, R, and Python.
3. Language is our primary means of communication for all human interactions.
4. Repeat is a conditional statement that can change the flow of an algorithm.

C. Answer the following questions:

1. Explain how traffic lights work and how they are controlled by code.
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2. Why is syntax important in programming languages?
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