

Worksheet

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Name:

Roll No: Class: Section:

Date:

ALGORITHM AND PSEUDOCODE

Chapter-5

A. Tick (✓) the correct option.

1. How are traffic lights controlled?

a. Manually

☐

b. By sensors and code

☐

c. By remote control

☐

d. Through voice commands

☐

2. What is syntax in programming languages?

a. A set of rules for grammar

☐

b. A type of code

☐

c. A programming concept

☐

d. A programming language

☐

3. What is coding?

a. Solving math problems

☐

b. Writing step-by-step instructions for computers

☐

c. Controlling traffic lights

☐

d. Playing video games

☐

4. What is an algorithm?

a. A type of programming language

☐

b. A set of instructions to solve a problem

☐

c. A method of communication

☐

d. A computer hardware component

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B. Answer the following questions:

1. Describe the role of coding in our daily lives and provide examples.

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2. Explain the main constructs of pseudocode and provide examples of each.

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