

## Computer Science 9th Class English Medium Chapter 7 Online Test

Sr	Questions	Answers Choice
1	Dry running a flowchart involves	A. Writing the code in a programming language <b>B. Testing the flowchart with sample data</b> C. Converting the flowchart into pseudocode D. Ignoring the flowchart details
2	Pseudocode is	<b>A. A high level description of an algorithm using plain language</b> B. A type of flowchart C. A programming language D. A debugging tool
3	Flowchart are used to	A. Identify patterns B. Code a program <b>C. Represent algorithms graphcially</b> D. Solve mathematical equations
4	Whcih of the following is the first step in problem solving according to computational thinking	A. Writing the solution B. Designing a flowchart <b>C. Understanding the problem</b> D. Selecting a solution
5	Algorithms are	A. List of data B. Graphical representations C. Repetitive patterns <b>D. Steps by step instructions for solving a problem</b>
6	Which of the following is a principle of computational thinking?	A. Ignoring problem understanding B. Iplementig random solutions <b>C. Problem simplification</b> D. a Voiding solution design
7	Which terms refers to the process of ignoring the detail to focus on the main idea?	A. Decomposition B. algorithm design <b>C. Abstraction</b> D. Decomposition
8	Pattern recognition involves	A. Ignoring repetitive elements B. Breaking problems into smaller pieces <b>C. Finding and using similarities within problem</b> D. Writing detailed algoithm
9	Why is problem decomposition important in computational thinking.	A. it is only useful for simple problems. B. It complicantes problems by adding more details C. It eliminates the need for solving the problem <b>D. It simplifies problems by breaking them down into smaller, more manageable parts</b>
10	Which of the following best defines computational thinking?	A. An approach that ignores real world applications <b>B. A Problem solving approach that employs systematic , algorithmic and logical thinking</b> C. A technique used exclusively in computer programming D. A method of solving problem using mathematicla alulations only.
11	What is the purpose of an oval shape symbol in flowcharting?	<b>A. Start and End</b> B. Decision C. Connector D. Process
12	What is the purpose of a parallelogram shape in flowcharting.	A. Decision <b>B. Input /output</b> C. Connector D. Process

