

## Computer Science 6th Class Chapter 4 English Medium Online Test

Sr	Questions	Answers Choice
1	What is the process of algorithmic thinking.	<p>A. A series of systematic and logical steps</p> <p>B. A way of solving a specific problem</p> <p>C. A process without clear in instructions</p> <p>D. A way of breaking down problem into smaller problems.</p>
2	Looking for similarites among the problems is called.	<p>A. Algorithmic design</p> <p>B. Pattern identification</p> <p>C. Abstraction</p> <p>D. Problem decomposition</p>
3	What is the final step in the systematic problem-solving process.	<p>A. Problem definition</p> <p>B. Problem anlysis</p> <p>C. Planning solution</p> <p>D. Selecting the best solution</p>
4	What is the fifth step, in the prblem-solving process.	<p>A. Test the solution</p> <p>B. Selecting the best solution</p> <p>C. Problem analysis</p> <p>D. Planning solution</p>
5	----- is process of defining and decomposing of a problem.	<p>A. Problem analysis</p> <p>B. Planning solution</p> <p>C. Problem identification</p> <p>D. test solution</p>
6	How many steps are there in the problem solving process.	<p>A. 4</p> <p>B. 5</p> <p>C. 6</p> <p>D. 7</p>
7	What type of flow is used to print a table of given number up to 10.	<p>A. Sequntial flow</p> <p>B. Conditional flow</p> <p>C. Repetitive flow</p> <p>D. None of the above</p>
8	In..... flow steps are executed only if certain condition is true.	<p>A. Repetitive</p> <p>B. Sequential</p> <p>C. Conditional</p> <p>D. None</p>
9	In..... flow , set of statements in executed again and again until a cerain condition remains true.	<p>A. Repetitive</p> <p>B. Sequential</p> <p>C. Conditional</p> <p>D. None</p>
10	What is the primary benffit of using algorithmic thinking in problem solving.	<p>A. Faster prblem solving</p> <p>B. Improved confidence in decision making</p> <p>C. Increased efficiency in processing data</p> <p>D. All of the above</p>
11	What are the two directions in teh that a robot can move in a maze problem.	<p>A. Forward and down</p> <p>B. Up and left</p> <p>C. Right and down</p> <p>D. Forward and back</p>
12	The main goal of the pasta recipe problem analysis is to determjne the	<p>A. Size of matrix</p> <p>B. Solution of maze</p> <p>C. Ingredients of pasta</p> <p>D. Starting and ending points of the maze</p>
13	What is the final step in most algorithms.	<p>A. Start</p> <p>B. Input</p> <p>C. Output</p> <p>D. Stop</p>
14	What is the main purpose of an algorithm.	<p>A. To store information</p> <p>B. To solve a specific problem</p> <p>C. To perform a specific task</p>

		D. To automatte the decision making process
15	----- is finite sequence of instruction to solve a specific problem.	A. Unspecified instructions B. Specific instructions C. Algorithm D. None
16	The first step in the systematic problem-solving proces sis.	A. Problem analysis B. Problem definition C. Identifying the problem D. Selecting the best solution
17	What is the purpose of the "modulus" operation in analgorithm	A. To stor evalues in a varibale B. To determining the remainder of a division C. To compare two numbers D. To perform arithmetic operations
18	What is the process of figuring out the 5 Ws from the problem statement.	A. Problem identification B. Problem definition C. Problem analysis D. Deconstruction
19	What is the purpose fof planning a solution to a problem.	A. To minimize the risk of failure B. To ensure a successful execution C. To determine the most ideal solution D. Both A and B
20	What can alternate solutions enhance in regard to a problem.	A. The value of the ideal soltion B. The result that should be achieved C. The risk of failure D. The difficulty level of the solution.