

Computer Science 6th Class Chapter 4 English Medium Online Test

Sr	Questions	Answers Choice
1	What does algorithmic thinking provide a unique way to solve.	A. Problems is general B. A specific problem C. A new and improved system D. Irrelevant detail
2	What is the purpose of the "modulus" operation in an algorithm	A. To store values in a variable B. To determine the remainder of a division C. To compare two numbers D. To perform arithmetic operations
3	Breaking down a big problem into smaller problems is called.	A. Problem identification B. Problem decomposition C. Planning solution D. Selecting best solution
4	What is the fifth step, in the problem-solving process.	A. Test the solution B. Selecting the best solution C. Problem analysis D. Planning solution
5	In..... flow steps are executed only if certain condition is true.	A. Repetitive B. Sequential C. Conditional D. None
6	The first step in the systematic problem-solving process is.	A. Problem analysis B. Problem definition C. Identifying the problem D. Selecting the best solution
7	----- is process of defining and decomposing of a problem.	A. Problem analysis B. Planning solution C. Problem identification D. test solution
8	A problem is considered easy when it.	A. Requires a lot of resources to solve. B. Requires a lot of time to solve C. Can be solved in simple steps, even if it is large D. Is not possible to solve.
9	First step of systematic process of problem solving is.	A. Problem analysis B. Planning solution C. Problem identification D. Test solution
10	Looking for similarities among the problems is called.	A. Algorithmic design B. Pattern identification C. Abstraction D. Problem decomposition
11	Every algorithm has..... and	A. Loop, condition B. Start, stop C. finite, infinite loops D. Sequence, conditions
12	What can alternate solutions enhance in regard to a problem.	A. The value of the ideal solution B. The result that should be achieved C. The risk of failure D. The difficulty level of the solution.
13	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
14	What is the goal of defining a problem.	A. To make it more complex B. To add ambiguity C. To make it more simple and clear D. To make it impossible to solve
		A. Decomposition

15	Which of the following is NOT a benefit of algorithmic thinking.	B. Abstraction and Generalization C. Visualization D. Pattern Recognition
16	In flow, steps will be executed in the same sequence they are written in.	A. Repetitive B. Conditional C. Sequential D. None
17	What type of flow is used to print a table of given number up to 10.	A. Sequential flow B. Conditional flow C. Repetitive flow D. None of the above
18	The main goal of the pasta recipe problem analysis is to determine the	A. Size of matrix B. Solution of maze C. Ingredients of pasta D. Starting and ending points of the maze
19	In..... flow, set of statements is executed again and again until a certain condition remains true.	A. Repetitive B. Sequential C. Conditional D. None
20	What is the final step in most algorithms.	A. Start B. Input C. Output D. Stop