

Computer Science 6th Class Chapter 4 English Medium Online Test

Sr	Questions	Answers Choice
1	What is the main purpose of an algorithm.	A. To store information B. To solve a specific problem C. To perform a specific task D. To automate the decision making process
2	----- is process of defining and decomposing of a problem.	A. Problem analysis B. Planning solution C. Problem identification D. test solution
3	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
4	What is the result of an unclearly defined problem.	A. It requires guess work B. It is easily solvable C. It contains ambiguity D. It has a clear goal
5	What is the primary benefit of using algorithmic thinking in problem solving.	A. Faster problem solving B. Improved confidence in decision making C. Increased efficiency in processing data D. All of the above
6	Every algorithm has..... and	A. Loop, condition B. Start, stop C. finite, infinite loops D. Sequence, conditions
7	In..... flow , set of statements are executed again and again until a certain condition remains true.	A. Repetitive B. Sequential C. Conditional D. None
8	What are the two directions in which a robot can move in a maze problem.	A. Forward and down B. Up and left C. Right and down D. Forward and back
9	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
10	Thinking the domain of problem and ignoring irrelevant material is called.	A. Algorithmic design B. Pattern identification C. Problem decomposition D. Abstraction
11	What is the final step in most algorithms.	A. Start B. Input C. Output D. Stop
12	Which of the following is NOT a benefit of algorithmic thinking.	A. Decomposition B. Abstraction and Generalization C. Visualization D. Pattern Recognition
13	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
14	What is the goal of problem-solving.	A. To generate appropriate solutions B. To identify the problem C. To test the solution D. To plan the solution A. Solve a specific problem

15	The purpose of decomposition in algorithmic thinking is to	B. Design new and improved systems C. Break down complicated problems into smaller problems D. Identify the sequence of operations
16	What is the process of algorithmic thinking.	A. A series of systematic and logical steps B. A way of solving a specific problem C. A process without clear instructions D. A way of breaking down problem into smaller problems.
17	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
18	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.
19	What is the purpose of 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	Breaking down a big problem into smaller problems is called.	A. Problem identification B. Problem decomposition C. Planning solution D. Selecting best solution