

Computer Science 6th Class Chapter 4 English Medium Online Test

Sr	Questions	Answers Choice
1	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
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	Thinking the domain of problem and ignoring irrelevant material is called.	A. Algorithmic design B. Pattern identification C. Problem decomposition D. Abstraction
4	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
5	What is a problem in problem-solving.	A. A task to be performed B. A situation to be analyzed C. A solution to be selected D. A plan to be implemented
6	----- is finite sequence of instruction to solve a specific problem.	A. Unspecified instructions B. Specific instructions C. Algorithm D. None
7	Breaking down a big problem into smaller problems is called.	A. Problem identification B. Problem decomposition C. Planning solution D. Selecting best solution
8	Looking for similarities among the problems is called.	A. Algorithmic design B. Pattern identification C. Abstraction D. Problem decomposition
9	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
10	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
11	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
12	What does algorithmic thinking provide a unique way to solve.	A. Problems are general B. A specific problem C. A new and improved system D. Irrelevant detail
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 final step in most algorithms.	A. Start B. Input C. Output D. Stop

15	In flow , steps will be executed in the same sequence they are written in.	B. Conditional C. Sequential D. None
16	Every algorithm has..... and	A. Loop, condition B. Start, stop C. finite, infinite loops D. Sequence, conditions
17	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.
18	Which of the followig is NOT a benefit of algorithmic thinking.	A. Decomposition B. Abstraction and Generalization C. Visualization D. Pattern Recognition
19	First stepof systematic process of problem solving is.	A. Problem analysis B. Planning solution C. Problem identification D. Test solution
20	The purpose of decomposition in algorithmic thinking is to	A. Solve a specific probloem B. Design new and improved systems C. Break down complicated problems into smaller problems D. Identify the sequence of operations