

Computer Science 6th Class Chapter 4 English Medium Online Test

Sr	Questions	Answers Choice
1	First step of systematic process of problem solving is.	A. Problem analysis B. Planning solution C. Problem identification D. Test solution
2	Thinking the domain of problem and ignoring irrelevant material is called.	A. Algorithmic design B. Pattern identification C. Problem decomposition D. Abstraction
3	What is the final step in the systematic problem-solving process.	A. Problem definition B. Problem analysis C. Planning solution D. Selecting the best solution
4	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
5	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
6	In..... flow steps are executed only if certain condition is true.	A. Repetitive B. Sequential C. Conditional D. None
7	Every algorithm has..... and	A. Loop, condition B. Start, stop C. finite, infinite loops D. Sequence, conditions
8	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
9	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
10	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
11	----- is finite sequence of instruction to solve a specific problem.	A. Unspecified instructions B. Specific instructions C. Algorithm D. None
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 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
14	What is the final step in most algorithms.	A. Start B. Input C. Output D. Stop

15	----- is process of defining and decomposing of a problem.	A. Problem analysis B. Planning solution C. Problem identification D. test solution
16	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
17	What are the two directions in teh that a robot can move in a maze problem.	A. Forward and down B. Up and left C. Right and down D. Forward and back
18	What is ghe goal of defining a problem.	A. To make it more complex B. To add abiguity C. To make it more simple and clear D. To make it impossible to solve
19	In flow , steps will be executed in the same sequence they are written in.	A. Repetitive B. Conditional C. Sequential D. None
20	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 in instructions D. A way of breaking down problem into smaller problems.