

Computer Science 6th Class Chapter 4 English Medium Online Test

Sr	Questions	Answers Choice
1	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
2	How many steps are there in the problem solving process.	A. 4 B. 5 C. 6 D. 7
3	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.
4	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
5	----- is finite sequence of instruction to solve a specific problem.	A. Unspecified instructions B. Specific instructions C. Algorithm D. None
6	The purpose of decomposition in algorithmic thinking is to	A. Solve a specific problem B. Design new and improved systems C. Break down complicated problems into smaller problems D. Identify the sequence of operations
7	----- is process of defining and decomposing of a problem.	A. Problem analysis B. Planning solution C. Problem identification D. test solution
8	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
9	Looking for similarities among the problems is called.	A. Algorithmic design B. Pattern identification C. Abstraction D. Problem decomposition
10	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
11	In..... flow steps are executed only if certain condition is true.	A. Repetitive B. Sequential C. Conditional D. None
12	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
13	Breaking down a big problem into smaller problems is called.	A. Problem identification B. Problem decomposition C. Planning solution D. Selecting best solution
14	What is the final step in the systematic problem-solving process.	A. Problem definition B. Problem analysis C. Planning solution D. Implementing solution

D. Selecting the best solution

15	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
16	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
17	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
18	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
19	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.
20	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