

## Computer Science 6th Class Chapter 4 English Medium Online Test

Sr	Questions	Answers Choice
1	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
2	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.
3	In flow , steps will be executed in the same sequence they are written in.	A. Repetitive B. Conditional C. Sequential D. None
4	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
5	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
6	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
7	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
8	----- is finite sequence of instruction to solve a specific problem.	A. Unspecified instructions B. Specific instructions C. Algorithm D. None
9	What is the purpose of the "modulus" operation in 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
10	Which of the following is NOT a benefit of algorithmic thinking.	A. Decomposition B. Abstraction and Generalization C. Visualization D. Pattern Recognition
11	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
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	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
14	----- is used to store information.	A. To store information B. To solve a specific problem

14	What is the main purpose of an algorithm.	<b>C. To perform a specific task</b> D. To automatte the decision making process
15	What is the final step in the systematic problem-solving process.	A. Problem definition B. Problem aalysis C. Planning solution <b>D. Selecting the best solution</b>
16	In..... flow steps are executed only if certain condition is true.	A. Repetitive B. Sequential <b>C. Conditional</b> D. None
17	Breaking down a big problem in to smaller problems is called.	A. Problem identification <b>B. Problem decomposition</b> C. Planning solution D. Selecting best solution
18	Thinking the domain of problem and ignoring irrelevant material is called.	A. Algorithmic design B. Pattern identifaciton C. Problem decomposition <b>D. Abstraction</b>
19	What is the reslut of an unclearly defined problem.	A. It requires guess work B. It is easily solvable <b>C. It contains ambiguity</b> D. It has a clear goal
20	What are the two directions in teh that a robot can move in a maze problem.	A. Forward and down B. Up and left <b>C. Right and down</b> D. Forward and back