

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

Sr	Questions	Answers Choice
1	What is the final step in the systematic problem-solving process.	A. Problem definition B. Problem analysis C. Planning solution <b>D. Selecting the best solution</b>
2	----- is finite sequence of instruction to solve a specific problem.	A. Unspecified instructions B. Specific instructions <b>C. Algorithm</b> D. None
3	How many steps are there in the problem solving process.	A. 4 <b>B. 5</b> C. 6 D. 7
4	In flow, steps will be executed in the same sequence they are written in.	A. Repetitive B. Conditional <b>C. Sequential</b> D. None
5	What type of flow is used to print a table of given number up to 10.	A. Sequential flow B. Conditional flow <b>C. Repetitive flow</b> D. None of the above
6	Thinking the domain of problem and ignoring irrelevant material is called.	A. Algorithmic design B. Pattern identification C. Problem decomposition <b>D. Abstraction</b>
7	The purpose of decomposition in algorithmic thinking is to	A. Solve a specific problem B. Design new and improved systems <b>C. Break down complicated problems into smaller problems</b> D. Identify the sequence of operations
8	In..... flow steps are executed only if certain condition is true.	A. Repetitive B. Sequential <b>C. Conditional</b> D. None
9	What is the fifth step, in the problem-solving process.	A. Test the solution <b>B. Selecting the best solution</b> C. Problem analysis D. Planning solution
10	The main goal of the pasta recipe problem analysis is to determine the	A. Size of matrix B. Solution of maze <b>C. Ingredients of pasta</b> D. Starting and ending points of the maze
11	What is a problem in problem-solving.	A. A task to be performed <b>B. A situation to be analyzed</b> C. A solution to be selected D. A plan to be implemented
12	A problem is considered easy when it.	A. Requires a lot of resources to solve. B. Requires a lot of time to solve <b>C. Can be solved in simple steps, even if it is large</b> D. Is not possible to solve.
13	The first step in the systematic problem-solving process is.	A. Problem analysis B. Problem definition <b>C. Identifying the problem</b> D. Selecting the best solution
14	What is the purpose of the "modulus" operation in an algorithm	A. To store values in a variable <b>B. To determine the remainder of a division</b> C. To compare two numbers D. To calculate the average

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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

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16 What is the purpose for 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**

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17 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

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18 Every algorithm has..... and .....

A. Loop, condition  
**B. Start, stop**  
C. finite, infinite loops  
D. Sequence, conditions

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19 ----- is process of defining and decomposing of a problem.

A. Problem analysis  
B. Planning solution  
C. Problem identification  
**D. Test solution**

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20 First step of systematic process of problem solving is.

A. Problem analysis  
B. Planning solution  
**C. Problem identification**  
D. Test solution