

Computer Science 6th Class Chapter 4 English Medium Online Test

Sr	Questions	Answers Choice
1	In..... flow , set of statements in executed again and again until a certain condition remains true.	A. Repetitive B. Sequential C. Conditional D. None
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 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
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	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
6	First step of systematic process of problem solving is.	A. Problem analysis B. Planning solution C. Problem identification D. Test solution
7	Every algorithm has..... and	A. Loop, condition B. Start, stop C. finite, infinite loops D. Sequence, conditions
8	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
9	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.
10	Which of the following is NOT a benefit of algorithmic thinking.	A. Decomposition B. Abstraction and Generalization C. Visualization D. Pattern Recognition
11	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
12	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
13	----- is finite sequence of instruction to solve a specific problem.	A. Unspecified instructions B. Specific instructions C. Algorithm D. None
14	What are the two directions in which a robot can move in a maze problem.	A. Forward and down B. Up and left C. Right and down D. Forward and back

15	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
16	Breaking down a big problem in to smaller problems is called.	A. Problem identification B. Problem decomposition C. Planning solution D. Selecting best solution
17	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
18	In flow , steps will be executed in the same sequence they are written in.	A. Repetitive B. Conditional C. Sequential D. None
19	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
20	How many steps are there in the problem solving process.	A. 4 B. 5 C. 6 D. 7