

Computer Science 6th Class Chapter 4 English Medium Online Test

Sr	Questions	Answers Choice
1	----- is finite sequence of instruction to solve a specific problem.	A. Unspecified instructions B. Specific instructions C. Algorithm D. None
2	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
3	Every algorithm has..... and	A. Loop, condition B. Start, stop C. finite, infinite loops D. Sequence, conditions
4	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
5	First step of systematic process of problem solving is.	A. Problem analysis B. Planning solution C. Problem identification D. Test solution
6	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
7	In..... flow, set of statements is executed again and again until a certain condition remains true.	A. Repetitive B. Sequential C. Conditional D. None
8	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.
9	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
10	----- is process of defining and decomposing of a problem.	A. Problem analysis B. Planning solution C. Problem identification D. test solution
11	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
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	In..... flow steps are executed only if certain condition is true.	A. Repetitive B. Sequential C. Conditional D. None
14	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

15	Thinking the domain of problem and ignoring irrelevant material is called.	A. Algorithmic design B. Pattern identificaiton C. Problem decomposition D. Abstraction
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	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	Looking for similarites among the problems is called.	A. Algorithmic design B. Pattern identification C. Abstraction D. Problem decomposition
19	What is the primary benffit of using algorithmic thinking in problem solving.	A. Faster prblem solving B. Improved confidence in decision making C. Increased efficiency in proncessing data D. All of the above
20	What is the purpose of the "modulus" operation in analgorithm	A. To stor evalules in a varibale B. To determing the remainder of a division C. To compare two numbers D. To perform arithmetic operations