Computer Science 7th Class Online Test

Sr	Questions	Answers Choice
1	What is the first step in solving a problem with an algorighm.	A. Desingning the algorithm B. Fulfilling the prerequisites C. Implementing the algorithm D. Testing the algorithm
2	What are the prerequisites for writing an algorithm	A. A clear prblem definitionl input and output B. A broblem with no constracints or limitations C. Input with multipel characters D. A problem with no clear solution
3	Whicht feature in Scratch is used for infinite loops in which an object wil repeat its action forever.	A. Loop forever B. Forever loop C. Infinite repeat D. Repeat forever
4	Which type of loop stops when the condition is false	A. Finite loop B. Infinitie loop C. Sequence loop D. Rcursive loop
5	Which tye of loop has an explicit end and executes its bodies a fixed number of times.	A. Finite loop B. Infinite loop C. Sequence loop D. Recursive loop
6	Which strcuture executes a statement or set of statements only if the condition in true.	A. Sequence strcuture B. Selection strcuture C. Conditinal structure D. Repetition structure
7	Which tpe of algorithm goes through all possible solutions untill the required solution is found?	A. Brute force algorithm B. Recursive algorithm C. Sorting algorithm D. Divide and conuer algorithm
8	What is the characteristic of an algorithm that states that each step must be clear and lead to only one measning.	A. Clear and unambiguous B. Well-defined imputs C. Well -defined outputs D. Feasible
9	Whcih step involves creating a set of instructions to solve a sprblem.	A. Decomposition B. Algorithm Design C. Generalization and Abstraction D. Pattern recongnition
10	Which step involves breaking down complex prblems into smaller parts.	A. Decompostion B. Pattern recongnition C. Generalization and Abstraction D. Algorithm Design