Computer Science - 10th Class Computer Science English Medium Chapter 3 Preparation

Q1. What is Sequential Control ?

Ans 1: In Sequential Control, all the statements are executed in the given sequence. Sequential control is the default control structure in C language.

Q2. If tere are multiple statements under if, which thing is compulsory.

Ans 1: If there are multiple statemeents under if, then they muse be enclosed inside the { } block, otherwise compilee54 issues an error.

Q3. What are control statements.

Ans 1: The flow of program execution is controlled through control statemetns. We cand control the flow of program execution through contorl statements.There are three types of control statements in C language.

Ans 2: 1- Sequential Control Statements.2- Selection Control Statements3- Repetition control Statements.

Q4. Define of if-else statements with syntax.

Ans 1: The if -else statement is used in situation where soem code is to be executed if a condition is true and some other code is to be eexecited if the condition if false.

Ans 2: Syntax. if (condition)

Associated code

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Q5. What is if-else-if statements.

Ans 1: The if-else if is a type of conditional statements that combines more than two conditions it allows tpe programmer to make a decision based on several conditions.

Q6. Define if statement with syntax.

Ans 1:
If statement is used to sepcify a condition, and associate a code to it. The code gets executed if the specified condition turns out to

be true, otherwise the code does not get executed.
Syntax:
if (condition)
Associated code

Q7. Nested Selection Structures.

Ans 1: Selection statements within selection statements are called nested selection statements.

Q8. What is compound statements.

Ans 1: A block of statements enclosed in curly braces are called compound statements.

Q9. What is repetition control statements.

Ans 1: Repetition control statements are used to repeat a number of statements up to a speciaifed numebr of times or until a specified condition fulfilled. There are three types of loops whihc are used in C program.

Ans 2: 1- For loop 2- While loop 3- do while loop

Q10. What is Condition ?

Ans 1:
A condition could be any valid expression including arithmetic expression, relational expression, logical expressions, or a combination of these.