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

Q1. Define if statements with syntax.

Ans 1: If statements is used to specify a condition, and associated a code to it. The code gests excuated itf the speciafied conditon turns out to be true. other5wise the code does not ge texecuted.

Q2. 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

Q3. 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.

Q4. Define Selection Statement ?

Ans 1:
The statements which help us to decide which statements should be executed next, on the basis of conditions, are called selection statements. Two types of selection statements are:
1: If statement.
2: If-else statement.

Q5. Where we need { } block when we use if statement ?

Ans 1: If we want to associate more than one statements to an if statement, then they need to be enclosed inside a { } block, but if we want to associate only one statement, then although it may be enclosed inside { } block, but it is not mandatory.

Q6. 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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Q7. What is repetition (Loop) Control Statements ?

Ans 1:
Repetition Control Statements are used to repeat a number of statements up to a specified number of times or until a specified condition fulfilled. There are three types of koops which are used in C program:
1. for loop.
2. while loop.
3. do while loop.

Q8. 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.

Q9. 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

Q10. What is nested if or nested selection structure.

Ans 1:   Selection statements within selection staterments are caleld nested selection strucutre The use of an "if" statements in used with in another "if" statement is called nested if statements. Nested if is used when we want to execute a statements or set of statements after checking more than one conditon.