## Computer Science - 10th Class Computer Science English Medium Chapter 5 Preparation

Q1. What is return Statement.

**Ans 1:** Key word return is used to return a value from the body of the function to calling function. If a function does not return any value, a key word void is used as return type.
syntex: Return expression

Q2. What are parameters.

**Ans 1:** Inputs of function are called Parameters of the function. It represent type of values that are passed to function when it is called . If a function needs no parameters then key word void is used in parentheses or empty parentheses.

Q3. Which is a good problem solving approach.

**Ans 1:** A good problem solving approach is to divide the problem into multiple smaller parts of sub problems.

Q4. Describe divide and conquer approach.

**Ans 1:** Divide and conquere approach is a strategy of solving a large problem by breaking the problem into smaller sub problems and solving the sub problems and combining them to get the desired result.

Q5. What is function header.

**Ans 1:** The firt line of the function definition is called function header . function header is just like a function Signature, the only difference is that semicolon is not used at the end of function header.
syntax: Return type function _ name (data _type var1,data _ type var 2....... data _ type var N)

Q6. Difference between arguments and parameters.

**Ans 1:** Arguments: During the function call, values passed to the function are called arguments.
Parameters: Parameters are variables of different data type, that are used to receive the values passed to function as inpute

**Ans 2:** Arguments is the actual value of this variable the gets passed to function .

**Ans 3:** Parameter is variable in the declaration of function.

Q7. Define Return type of a a function.

**Ans 1:** Output of the function is called its return value, The return type of the function is the data type of the value returned by

function. A function cna return one value of any data type. If a function does not return andy value. a keyword void is used as return type. A function can have multiple parameters, bu tit cannot return more than one values.

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## Q8. What happens if a function contains multiple return statement.

**Ans 1:** There may be multiple return statements in a function but as soon as the first return statement is executed. the function call returns and further statements in the body of function are not execued

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## Q9. List some advantages of function.

**Ans 1:** * Reusability
* Separatons of tasks
* Handing the complexity of the Problem.
* Readability.

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## Q10. What is the difference between function prototype or signature and function definition.

**Ans 1:** Function signature is a statement that provides basic information to compiler about provides basic information to compiler about the structure of the function while the function definition contains the actual implementation of the function. Functiion signature statement end with semicolon while definition does not end with semicolon.