



Q.1. Answer the following short questions: (6x5=30)

- a) What are variable initialization rules? How it is different from assignment
- b) What is `int main()` in c++.
- c) What is switch statement in c++. Write down its rules syntax and flow chart.
- d) What is “while loop” in c++ write its syntax and flow chart.
- e) Differentiate between Local and Global Variables in c++.
- f) What is “if statement” write down its rules along with flow chart.

Q.2. Answer the following questions.

- a) Write a program to determine that number is even or odd using
(i) if-else statement (ii) switch statement. (5+5)
- ~~b) Write a program to print the multiplication table of any given number of used choice. (10)~~
- c) Write a program to print numbers 1 to 20 in
(i) increasing order (ii) Decreasing order. (5+5)