

Questions

- 1) What is C language?
- 2) What is language translator/processor?
- 3) What is source code and object code?
- 4) How many types of errors/bugs? Explain all.
- 5) How many types of languages of computer?
- 6) What are data types and return types?
- 7) What are Variable and Constant? Write rules for naming variable.
- 8) What is the main function in C language? And why it is necessary.
- 9) What are Escape Sequences?
- 10) What is formal and actual parameter?
- 11) How the data/variable store in RAM?
- 12) How many types of operator in C language? Explain all.
- 13) What is Garbage Value?
- 14) What are Implicit and Explicit type-casting/coercion?
- 15) What is Algorithm?
- 16) What is if-else?
- 17) What are Loops?
- 18) What is pseudo code?
- 19) What is flowchart?
- 20) What are unary operators?
- 21) What is fatal error and non-fatal error?
- 22) What is Ternary Operator?
- 23) What is the use of "break" and "continue" keywords?
- 24) What is the purpose of language processor?
- 25) What is C standard library?
- 26) What is preprocessor directive?
- 27) What is purpose of the statement # include?
- 28) What is the purpose of header files?
- 29) What do you mean by delimiters?
- 30) What is a keyword?
- 31) Define variable initialization?
- 32) What is the difference between pre-increment and post increment operators ++x and x++, respectively?
- 33) Define operator precedence?
- 34) What is stream? What are two types of streams?
- 35) What is dangling else?
- 36) What is dangling pointer and dangling memory?
- 37) What is switch statement and why it is used?
- 38) Why break statement is used in switch structure?
- 39) What is loop? What are two uses of loop?
- 40) Explain the difference between pretest and posttest?
- 41) What is difference between while and do-while loop?

- 42) What is sentinel value?
- 43) What is nested loop?
- 44) What is difference between local variable and global variable?
- 45) Explain the difference between call by reference and call by value?
- 46) What is Recursion?
- 47) What is the drawback of global variables?
- 48) Define EOF marker?
- 49) What is user defined and built-in functions?
- 50) How a float or double value is translated by the compiler? Justify your answer.

Programs

- 1) Write a program to convert Fahrenheit temperature into Celsius and vice versa?
- 2) Write a program to check leap year?
- 3) Write a program that shows the status of students either is fail or pass? The pass percentage is 60% or above and the total number is 1000.
- 4) Write a program that take three integers to check maximum number?
- 5) Write a program that take 5 digits number from user and print sum of its digits?
- 6) Write a program to print the table of that number which is given by a user?
- 7) Write a program that print plus and asterisk even odd row pattern?
- 8) Write a program that print angle brackets even odd row pattern?
- 9) Write a program that print even number from 1 to 100 using while loop?
- 10) Write a program that print 100 to 999 that are divisible by 5?
- 11) Write a program to print sum of all odd numbers and product of all even numbers from 1 to 20?
- 12) Write a program that prompt weight of the students and calculate average weight? Number of students are not fixed.
- 13) Write a program that prints two largest numbers? Numbers are not fixed.
- 14) Write a program that prints the factorial of a number given by user?
- 15) Write a program that counts how many times a user input a letter that are fixed by programmer?