

- Q.27 What is variable? What are the Rules for defining variables?
 - Q.28 Differentiate between Break & Continue statement?
 - Q.29 What do you mean by user defined functions? How they are different from built-in functions.
 - Q.30 Differentiate between structure and union?
 - Q.31 What is array & how to declare Array?
 - Q.32 Write a program to calculate simple interest in C language.
 - Q.33 What is switch statement? Also write the syntax of switch statement.
 - Q.34 What are the various software used in the field of Electronics Engineering.
 - Q.35 Differentiate between printf() & scanf()

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x10=20)

- Q.36 What is Program ? Explains the various steps involved in development of a program.

Q.37 What is Operator ? Briefly explain the various operators used in C language.

Q.38 What is looping ? Briefly explain the various kinds of loop controls available in C language.

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SECTION-A

Note: Multiple choice questions. All questions are compulsory (10x1=10)

- Q.1 C is a _____ language

 - a) Machine Level Language
 - b) High Level Language
 - c) Assembly Language
 - d) All above

Q.2 The pictorial representation of an algorithm is called

 - a) Algorithm
 - b) Program
 - c) Flow chart
 - d) Code

Q.3 PDLC stands for _____

 - a) Program debugging life code
 - b) Program Development Life Cycle
 - c) Progress Development Life Chain
 - d) None of the above

Q.4 C languages uses the _____ to convert the code into machine language.

 - a) Compiler
 - b) Interpreter
 - c) Both compiler and interpreter
 - d) None of the above

Q.5 Variables in the C program can't start with _____ ?

- a) Special character except for the underscore
 b) Numbers
 c) Both a & b
 d) None of the above
- Q.6 Which loop runs at least one time during the execution of the program?
 a) For loop b) While loop
 c) do-while loop d) All of the above
- Q.7 >,< are an example of _____ operator
 a) Arithmetic Operator b) Relational Operator
 c) Logical Operator d) None of the above
- Q.8 Number of Keywords present in C Language are?
 a) 32 b) 34
 c) 62 d) 64
- Q.9 Break statement is used for _____
 a) To bring the program control out of the loop.
 b) To continue the loop
 c) To bring the control at the beginning of loop
 d) None of the above
- Q.10 Full form of PSPICE is
 a) Personal Simulation Program with integrated Circuit Emphasis.
 b) Personal Simulation Program with intelligent Circle Emphasis
 c) Program Structure with intelligent Circuit Emphasis
 d) None of the above

SECTION-B

Note: Objective type questions. All questions are compulsory. (10x1=10)

- Q.11 Define Algorithm
 Q.12 C statement is terminated with : symbol (True/False)
 Q.13 Define Compiler?
 Q.14 Differentiate between = and == symbols in C programming?
 Q.15 Write any two Decision making statements.
 Q.16 goto is a jump statement (True/False)
 Q.17 What is Array?
 Q.18 What is Pointer in C?
 Q.19 _____ keyword is used to declare structure in c language.
 Q.20 Define Circuit Maker?

SECTION-C

Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)

- Q.21 Create basic structure of C program.
 Q.22 What is Flow chart? Define symbol used in Flow chart.
 Q.23 Differentiate between High Level Language & Machine Level Language?
 Q.24 What is translator? Where the assembler is used
 Q.25 What are the features of C language?
 Q.26 What is Conditional Statements? Define if else statement?