

Note: Attempt all questions.

(Objective Type Questions)

- Q.1. (a) Integer reserve _____ bytes of space in memory.
(i) 2. (ii) 4 (iii) 8 (iv) None
- (b) Pictorial representation of a program is called _____.
(i) Algorithm (ii) Program
(iii) Flowchart (iv) None
- (c) C uses _____ to convert program into machine codes.
(i) Compiler (ii) Interpreter
(iii) Assembler (iv) None
- (d) Switch is a _____ structure.
(i) Case control (ii) Decision control
(iii) Loop (iv) None
- (e) 'OR' is a _____ operator.
(i) Logical (ii) Relational
(iii) Arithmetic (iv) None
- (f) '+' and '-' is having _____ precedence.
(i) Same (ii) Not same
(iii) higher (iv) None
- (g) _____ loop seen atleast once before terminating
(i) While (ii) For (iii) dowhile (iv) None
- (h) Pointer variable store _____ of a variable
(i) Address (ii) Value (iii) Location (iv) None
- (i) Two function with same name can be _____ in 'C'.
(i) defined (ii) Notdefined
(iii) Can't say (iv) None
- (j) Function call by address is _____.
(i) Call by value (ii) Call by reference
(iii) Prototype (iv) None
- (k) _____ is the user define data type.
(i) Structure (ii) int (iii) float (iv) None
- (l) "Void" in function means _____ valuc
(i) Integer (ii) Null (iii) Character (iv) None

- (m) Character' reserve _____ space in memory.
(i) 1 byte (ii) 2 byte (iii) 4 byte (iv) None
- (n) ++i and i = i+1 are _____ expression.
(i) same (ii) different
(iii) Can't say (iv) None
- (o) Function must have _____.
(i) return type (ii) Number of arguments
(iii) Both a and b (iv) None

(Short answer type questions)

- Q.2. What is Algorithm? Explain with example.
Or What are keywords? What are the various application of keywords in 'C' program.
- Q.3. Write a program to explain use of Goto statement?
Or What are decision control statement? Explain with an example.
- Q.4. Write a program to print 1 to 20 using for loop?
Or What are the basic difference between while and dowhile?
- Q.5. What is a function? What is call by value explain with example.
Or Write and explain function declaration and prototype?
- Q.6. How structure can be declared? Explain with example?
Or What is array of structure?

(Long Answer Type Questions)

- Q.7. Explain various data types used in 'C' program?
Or Write algorithm and flowchart to find average and percentage of five numbers?
- Q.8. What is in crement operator? Explain with an example.
Or How decision control structure is different from case control structure?
- Q.9. How logical operator are different from relational operator?
Or Write difference between Break and continue statement?
- Q.10. How passing by value is different from passing by reference in function.
Or What is 3D array? Write a program to explain use of 3D array.
- Q.11. Write difference between structure and union? Explain also.
Or How structure elements are stored. Explain with an example.