

Course
&
Test Series

Exam Paper for C Language Basics

Time: 45 Minutes

Marks : 50

Note: All questions are compulsory

Section A(5*1=5)
MCQ Questions

Ques 1: The execution of a C program starts from:

- A) #include statement
- B) main() function
- C) First function in the file
- D) The topmost statement

Ques 2: Who is the father of the C programming language?

- A) Charles Babbage
- B) Dennis Ritchie
- C) James Gosling
- D) Bjarne Stroustrup

Ques 3: Which function is used to take input from the user in C?

- A) read()
- B) scanf()
- C) input()
- D) cin

Ques 4: Keywords in C are:

- A) User-defined words
- B) Predefined, reserved words
- C) Only constants
- D) Variable names

Ques 5: The modulus operator (%) in C gives:

- A) Quotient
- B) Product
- C) Remainder
- D) None

Section B(5*5=25)
Descriptive Questions

Ques 6: What are the advantages and disadvantages of using the C language?

Ques 7: What are identifiers? State the rules for naming identifiers in C.

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- Ques 8: What are tokens in C? List and explain different types of tokens.
Ques 9: What are header files? Why are they important?
Ques 10: What is the purpose of the #include and #define preprocessor directives?

Section C(1*20=20)
Practical Questions

Ques 11:

- (a) Write a program to calculate the area of a rectangle. (10 Marks)

Formula: Area = length × breadth

- (b) Write a program to convert temperature from Celsius to Fahrenheit in C language. (10 Marks)

Formula: $F = (C \times 9/5) + 32$ $F = (C \times 9/5) + 32$ $F = (C \times 9/5) + 32$

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