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## C Programming MCQ

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Practice here the most popular C Programming MCQ Questions, that checks your basic knowledge of C Programming. This C Programming Quiz contains 25+ Multiple Choice Questions. Select the right answer to check your final preparation for your exam or interviews.

**Q1. Can we declare function inside structure of c programming?**

- A. Yes
- **B. No**

**Q2. Which of the following cannot be a structure member?**

- A. Array
- **B. Function**
- C. Another structure
- D. None of the Above

**Q3. .... is the father of C language**

- A. James Gosling
- **B. Dennis Ritchie**
- C. Rasmus Lerdorf
- D. None of the Above

**Q4. Which of the following is not a valid variable name in C Programming?**

- A. float rate;
- **B. int \$main;**
- C. int number;
- D. None of the Above

**Q5. Which of the following declaration is not supported by C language?**

- **A. char \*str;**
- B. float str = 3e2;
- C. String str;
- D. None of the Above

**Q6. .... keyword is used to prevent any changes in the variable within a C program.**

- **A. const**
- B. volatile
- C. mutable
- D. immutable

**Q7. What is the output of the following C code?**

```
    #include <stdio.h>
int const print()
{
    printf("Conaxweb.com");
    return 0;
}
void main()
{
    print();
}
```

- A. Conaxweb.com is printed infinite times
- B. No Output
- **C. Conaxweb.com**
- D. Error because function name cannot be preceded by const

**Q8. What is the output of the following C function?**

```
    #include <stdio.h>
void reverse(int i);
int main()
{
    reverse(1);
}
void reverse(int i)
{
    if (i > 5)
        return ;
    printf("%d ", i);
}
```

```
return reverse((i++, i));
```

- A. Compilation error
- **B. 1 2 3 4 5**
- C. Segmentation fault
- D. None of the Above

**Q9. scanf() is a predefined function in stdio. h header file.**

- **A. True**
- B. False

**Q10. The C-preprocessors are specified with .....**

- A. ” ”
- B. &
- C. \$
- **D. #**

**Q11. What is the output of following C Code?**

```
#include <stdio.h>
int main()
{
    int i = 0;
    do
    {
        i++;
        if (i == 2)
            continue;
        printf("In while loop ");
    } while (i < 2);
    printf("%d\n", i);
}
```

- A. Infinite loop
- B. In while loop 3
- **C. In while loop 2**
- D. In while loop in while loop 3

**Q12. Which of the following is an array initialized in C language?**

- A. `int a = {1, 2, 3};`
- **B. `int a[3] = {1, 2, 3};`**
- C. `int a[ ] = new int [3]`
- D. None of the Above

**Q13. What is the return type of the `fopen()` function in C?**

- A. An integer
- B. Pointer to an integer
- **C. Pointer to a FILE Object**
- D. None of the above

**Q14. How to find the length of an array in C?**

- A. `sizeof(a)`
- B. `sizeof(a[0])`
- C. `sizeof(a) * sizeof(a[0])`
- **D. `sizeof(a) / sizeof(a[0])`**

**Q15. What will be the output of the following code snippet?**

```
        #include <stdio.h>
union School {
    int age, rollNo;
    double marks;
};
void solve() {
    union School sc;
    sc.age = 19;
    sc.rollNo = 82;
    sc.marks = 19.04;
    printf("%d", (int)sizeof(sc));
}
int main() {
    solve();
    return 0;
}
```

- A. 4
- **B. 8**
- C. 12
- D. 16

**Q16. Directives are translated by the .....**

- A. Linker
- B. Editor
- C. Compiler
- **D. Pre-processor**

**Q17. .... can be used with vectors.**

- A. Forward iterator
- B. Random access iterator
- C. Bi-directional iterator
- **D. All of the Above**

**Q18. Which of the following is valid expression in c language?**

- A. `int my num = 1000;`
- B. `int my num == 10000;`
- C. `int my_num = 100,000;`
- **D. `int my_num = 100000;`**

**Q19. Which of the following is the first operating system designed using C programming language?**

- A. Mac
- B. DOS
- C. Windows
- **D. Unix**

**Q20. Which of the following is not a correct variable type?**

- A. float
- B. int
- **C. real**
- D. double

**Q21. Select the wrong option about structs in C.**

- A. No data hiding
- B. Constructors are not allowed inside structs.
- C. **Functions are not allowed inside structs.**
- D. None of the above

**Q22. Which of the following data structure is used to handle recursion in C?**

- A. Trees
- B. **Stack**
- C. Deque
- D. Queue

**Q23. .... is not a storage class specifier in C?**

- A. static
- B. extern
- C. **volatile**
- D. None of the above

**Q24. Function overloading is not possible in which programming language?**

- A. **C**
- B. Java
- C. Python
- D. C#

**Q25. Choose the correct syntax for double pointer in C?**

- A. **int \*\*val**
- B. int \*val
- C. int \*&val
- D. None of the above

**Q26. Select the proper syntax for declaring macros in C.**

- A. #define II
- B. #define long long
- C. **#define II long long**

- **D.** None of the above

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