

17-12-25

C Programming MCQs

1. Who developed the C language?

- A. James Gosling
- B. **Dennis Ritchie**
- C. Bjarne Stroustrup
- D. Guido van Rossum

2. What is the default value of a local variable in C?

- A. 0
- B. NULL
- C. **Garbage value**
- D. Undefined

3. What is the size of int in C (generally)?

- A. 2 bytes
- B. 4 bytes
- C. 8 bytes
- D. **Depends on compiler**

4. Which function is used to allocate dynamic memory?

- A. alloc()
- B. new()
- C. **malloc()**
- D. create()

5. Which header file is required for malloc()?

- A. stdio.h
- B. conio.h
- C. **stdlib.h**
- D. math.h

6.

```
int a = 10;
```

```
int *p = &a;
```

```
printf("%d", *p);
```

- A. Address of a
- B. 10**
- C. Garbage
- D. Error

7.

```
int a = 10;  
int *p = &a;  
int **q = &p;  
printf("%d", **q);
```

- A. Address
- B. Error
- C. 10**
- D. Garbage

8.

```
int a = 10;  
int *p = NULL;  
printf("%d", *p);
```

- A. 0
- B. Garbage
- C. Segmentation fault**
- D. Compile error

9.

```
int i;  
for(i=0; i<5; i++)  
    if(i==3) break;  
printf("%d", i);
```

- A. 2
- B. 3**
- C. 4
- D. 5

10.

```
void fun() {  
    static int x = 0;  
    x++;  
    printf("%d ", x);  
}  
  
int main() {  
    fun(); fun(); fun();  
}
```

- A. 1 1 1
- B. 1 2 3**
- C. 0 1 2
- D. Error