

ORACLE

I attended the oracle walk-in chennai, But i failed. My exp. will be help ful for u in the future.
Test is 30 min, 30 Questions. Questions are simple. But, I think that they expect higher cut-off i.e. above 28 is to be answered correctly.

- * some questions are Code Snippet based.
- * Some questions are compiler based i.e. given code snippet will compile or not, if not the reason.
- * some question are from the prefix/postfix inc/dec operation based code snippets.
- * More than 3 question are based on the sorting algorithms.
- * some questions are from the pointers based.
- * Code snippets involving memory allocation function.
- * All the questions are from c

Some of the question , i remember, are the following

1.

```
#include <stdio.h>
#define sqr(x) (x*x)
int main()
{
    int x=2;
    printf("value of x=%d",sqr(x+1));
}
```

What is the value of x?

a)4 b)5 c)None d)can not compile

Ans: 5

2. what is the wrong in the following program?

```
#define LBRACKET {
#define RBRACKET }
#define MAIN main
int MAIN()
LBRACKET
    int x=2;
    printf("%d",x);
RBRACKET
```

- a) This program will compile
b) compilation error

3.

```
#include <stdio.h>
int main()
{
    int x=4;
    {
        {
            {
                int x=2;
                printf("%d",x);
            }
        }
    }
}
```

- a) 4 b)2 c)Nesting not allowed d)dependent on the compiler

4. Go through the following code snippet

```
char a[20];
a="Hello Oracle Test";
```

will this compile?

- a) Compilation Error b) Strings are allowed in c but cannot be assigned directly.
- c) dependent on compiler
- d) will work fine.

5. the expression $a+b*c$ should be converted to $+a*bc$. Using tree structure,

Which traversal is the correct one?

- a) Postfix traversal b) prefix traversal c) infix traversal d) None

6. what about brk, sbrk

- a) system calls b) function calls c) user defined functions

7. Why the use of `alloca()` is discouraged?

8. Macros support multiple arguments ?

9. the header file

- a) contains only compiler directives and extern variables
- b) contain only structures and unions
- c) a & b

10. what about `"char *(*(*a[])())();"`