



Explain what are db_options used for?

How many Test Cases do we need to write for a particular application?(For example, for this AllInterview.com?)

can we drive a class from delegate?

What is web.config. How many web.config files can be allowed to use in an application?

1. $5-2-3*5-2$ will give 18 if

- (a)- is left associative,* has precedence over -
- (b) - is right associative,* has precedence over -
- (c) - is right associative,- has precedence over *
- (d)- is left associative,- has precedence over *

2. `printf("%f", 9/5);`

prints

- (a) 1.8,
- (b) 1.0,
- (c) 2.0,
- (d) none

3. `if (a=7)`

`printf(" a is 7 ");`

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else

```
printf("a is not 7");
```

prints

- (a) a is 7,
- (b) a is not 7,
- (c) nothing,
- (d) garbage.

4. if (a>b)

```
if(b>c)
```

```
s1;
```

```
else s2;
```

s2 will be executed if

- (a) $a \leq b$,
- (b) $b > c$,
- (c) $b \leq c$ and $a \leq b$,
- (d) $a > b$ and $b \leq c$.

5. `printf("%d", sizeof(""));`

prints

- (a) error
- (b) 0
- (c) garbage
- (d) 1.

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6. value of automatic variable that is declared but not initialized will be

- (a) 0,
- (b) -1,
- (c) unpredictable,
- (d) none,

7. `int v=3, *pv=&v;`

`printf(" %d %d ", v,*pv);`

output will be

- (a) error
- (b) 3 address of v,
- (c) 3 3
- (d) none.

8. declaration

`enum cities{bethlehem, jericho, nazareth=1, jerusalem}`

assign value 1 to

- (a) bethlehem
- (b) nazareth
- (c) bethlehem & nazareth
- (d) jericho & nazareth

1. Max number of nodes in a binary tree with height 3 is 20 : Ans: False

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2. 10,20,30,40,50,60 : give the order when put in a queue and in a stack

Ans : Queue : 10,20,30,40,50,60

stack : 60,50,40,30,20,10

3. Debugging is the process of finding

Ans : logical and runtime errors

4. trace the error:

```
void main(){
```

```
int &a;
```

```
/* some other stuff here */
```

```
}
```

Ans: syntax error

5. a problem with a function named 'myValue' will be given and asked to find the value of main() for an argument of 150,



Ans : 150

6. locate the error

```
int arr (20);
```

Ans: syntax error.

1. find(int x,int y)

```
{ return ((x<y)?0:(x-y)); }
```

call find(a,find(a,b)) use to find

(a) maximum of a,b

(b) minimum of a,b

(c) positive difference of a,b

(d) sum of a,b

2. integer needs 2bytes , maximum value of an unsigned integer is

(a) { 2 power 16 } -1

(b) {2 power 15}-1

(c) {2 power16}

(d) {2 power 15}

3. y is of integer type then expression

$3*(y-8)/9$ and $(y-8)/9*3$ yields same value if

(a) must yields same value



- (b) must yields different value
- (c) may or may not yields same value
- (d) none of the above

4. $5-2-3*5-2$ will give 18 if

- (a)- is left associative,* has precedence over -
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5. `printf("%f", 9/5);`

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6. `if (a=7)`

`printf(" a is 7 ");`

`else`

`printf("a is not 7");`

prints

- (a) a is 7,
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- (c) nothing,
- (d) garbage.

7. if (a>b)

if(b>c)

s1;

else s2;

s2 will be executed if

- (a) $a \leq b$,
- (b) $b > c$,
- (c) $b \leq c$ and $a \leq b$,
- (d) $a > b$ and $b \leq c$.

8. main()

```
{
```

```
inc(); ,inc(); , inc();
```

```
}
```

```
inc()
```

```
{ static int x;
```

```
printf("%d", ++x);
```

```
}
```

```
prints
```

(a) 012,

(b) 123,

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- (c) 3 consecutive unprectiable numbers
- (d) 111.

9. preprocessing is done

- (a) either before or at beginning of compilation process
- (b) after compilation before execution
- (c) after loading
- (d) none of the above.

10. `printf("%d", sizeof(""));`

prints

- (a) error
- (b) 0
- (c) garbage
- (d) 1.

11. `main()`

```
{  
int a=5,b=2;  
printf("%d", a+++b);  
}
```

- (a) results in syntax,

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- (b) print 7,
- (c) print 8,
- (d) none,

12. process by which one bit pattern is converted to another by bit wise operation is

- (a) masking,
- (b) pruning,
- (c) biting,
- (d) chopping,

13. value of automatic variable that is declared but not initialized

will be

- (a) 0,
- (b) -1,
- (c) unpredictable,
- (d) none,

14. `int v=3, *pv=&v;`

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15. declaration

```
enum cities{bethlehem, jericho, nazareth=1, jerusalem}
```

assign value 1 to

(a) bethlehem

(b) nazareth

(c) bethlehem & nazareth

(d) jericho & nazareth

16. #include <conion.h>

```
#include <stdio.h>
```

```
void main()
```

```
{
```

```
char buffer[82]={80};
```

```
char *result;
```

```
printf( "input line of text, followed by carriage return :\n");
```

```
result = cgets(buffer);
```

```
printf("text=%s\n",result);
```

```
}
```

(a) printf("length=%d",buffer[1]);

(b) printf("length=%d",buffer[0]);

(c) printf("length=%d",buffer[81]);

(d) printf("length=%d",buffer[2]);



17. consider scanf and sscanf function , which is true

- (a) no standard function called sscanf
- (b) sscanf(s,...) is equivalent to scanf(...) except that input character are taken from string s.
- (c) sscanf is equivalent to scanf.
- (d) none of above.

18. #include <stdio.h>

```
main()
```

```
{
```

```
char line[80];
```

```
scanf("%[^\n]",line);
```

```
printf("%s",line);
```

```
}
```

what scanf do ?

- (a) compilation error . illegal format string.
- (b) terminates reading input into variable line.
- (c) and (d) other two options.

19. problem was big so i couldn't remember . simple one.

20 . ceil(-2.8) ?

- (a) 0



- (b) -3.0
- (c) -2.0
- (d) 2

21. for(p=head; p!=null; p= p -> next)

free(p);

- (a) program run smooth.
- (b) compilation error.
- (c) run time error.
- (d) none of above.

22. int x[3][4] = {

{1,2,3},

{4,5,6},

{7,8,9}

}

(a) $x[2][1] = x[2][2] = x[2][3] = 0$

(b) value in fourth column is zero

(c) value in last row is zero

(d) none of above.

23. problem was big so i couldn't remember . simple one.



24. main ()

```
{  
printf("%u" , main());  
}
```

- (a) print garbage.
- (b) execution error
- (c) printing of starting address of function main.
- (d) infinite loop.

25 . int a, *b = &a, **c = &b;

....

....

....

a=4;

** c= 5;

- (a) doesnot change value of a
- (b) assign address of c to a.
- (c) assign value of b to a.
- (d) assign 5 to a.

26. problem was big so i couldn't remember . simple one.

27. problem was big so i couldn't remember . simple one.

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28 . answer : swapping of values .

29 . simple one.

30 . i =5;

```
i= (++i)/(i++);
```

```
printf( "%d" , i);
```

prints ,

(a) 2

(b) 5

(c) 1

(d) 6

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