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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,

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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)  $\{2^{\text{power } 16}\} - 1$

(b)  $\{2^{\text{power } 15}\} - 1$

(c)  $\{2^{\text{power } 16}\}$

(d)  $\{2^{\text{power } 15}\}$

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

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- (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 -
- (b) - is right associative, \* has precedence over -
- (c) - is right associative, - has precedence over \*
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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 begining 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;`

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

output will be

- (a) error
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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]);

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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

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(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.

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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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