

CA Technologies Technical Interview Questions

Q1. Which of following is used for back-up files?

- a) compress
- b) Tar
- c) make
- d) all the above

ANS: b

Q2. What does the zeroth element of the string array passed to the public static void main method contain?

- a) the name of the program
- b) the number of arguments
- c) the first argument if one is entered

Q3. Legal return type for overloading

public void add(int a){}

- a) void
- b) int
- c) anything

Q4. Valid return types for listeners?

- a) boolean
- b) void
- c) type of event handled
- d) component

Q5. In order to call paint (Graphics) to execute, which is appropriate?

- a) paint ()
- b) repaint ()
- c) paint (Graphics)
- d) update (Graphics)

Q6. Which colour is used for instance methods in standard javadoc?

- a) blue
- b) red
- c) purple
- d) orange

Q7.

```
public class Test{}
```

what could be the constructor for this class?

- a) `public void Test () {}`
- b) `public Test () {}`
- c) `public static void Test () {}`
- d) `public static Test () {}`

Q8. Correct way to throw some exception?

- a) `throw Exception`
- b) `throws Exception`
- c) `new Exception`
- d) Do not specify anything

Q9. Given Button generates Action Event, what listener you gonna add?

- a) `FocusListener`
- b) `ComponentListener`
- c) `WindowListener`
- d) `ActionListener`

Q10.

```
class First  
{  
public First(String s){  
System.out.println(s);  
}  
}  
public class Second extends First  
{
```

```
public static void main (String args[])
{ new Second();
}
}
```

On compiling Second class, what happens?

- a) nothing
- b) Instance of First is created
- c) Exception is raised at run time stating that there is no null parameter constructor in class First
- d) Second will not compile as there is no null parameter constructor in the class First

Q11. Correct order of a java file?

- a) Package, Import, Class
- b) Class, Import, Package
- c) Import, Package, Class
- d) Package, Class, Import

Q12. What is

```
int *p (char (*s)[])
```

ANS: p is a function which is returning a pointer to

Q13. Using pointer, changing A to B and B to A is Swapping the function using two address and one temporary variable. a,b are address, t is temporary variable. How function look like?

ANS: swap (int *, int *, int)

Q14. In o how are the arguments passed?

ANS: by value.

Q15. Find the prototype of sine function.

ANS: extern double sin(double)

Q16. Scope of a global variable which is declared as static?

ANS: File

Q17. What does calloc do?

ANS: A memory allocation and initialising to zero.

Q18. What is the value of i?

i = strlen (Blue) + strlen (People)/ strlen (Red) - strlen (green)

ANS: 1

Q19. What does exit() do?

ANS: come out of executing programme.

Q20. What does find command do?

ANS: search a file

Q21. What is the output of the following program?

*i=2
printf ("%old %old %old %old , i, i++, i--, i++);*

Q22. What is the output of the following program?

```
public class Test{  
    public static void main (String args[])  
    { int age;  
      age=age+1;  
      Sopln (The age is + age);  
    }  
}
```

ANS: does not compile
variable age might not have initialized

Q23. What is the output of the following program?

```
public void divide(int a, int b){
```

<https://www.freshersnow.com/>

```
try{
int c=a/b;
} catch(Exception e){
sopln(EXception);
finally{
sopln(finally);
}
}
parameters are 3,0
```

Q24. What is the o/p?

```
printf( Hello o is the world );
```

ANS: Hello is the world.

Q25. Clarifying the concept addresses used over array; i.e., changing the address of a base element produces what error?