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QuestionID : 1189      Subject Name Core Java

Q1. Which of the following command line options generates documentation for all classes and methods?

1. public
2. private
3. verbose
4. encoding

**Correct Answer : 3**

Your Answer :

QuestionID : 1226      Subject Name Core Java

Q2. Which of the following will produce a value of 22 if  $x = 22.9$ ?

1. ceil(x)
2. round(x)
3. abs(x)
4. floor(x)

**Correct Answer : 4**

Your Answer :

QuestionID : 1231      Subject Name Core Java

Q3. The range of values for the short type data is

1. 127 to -128
2. 32767 to -32768
3. 263 to -264
4. 232e+10 to 232 e-10

**Correct Answer : 2**

Your Answer :

QuestionID : 1336      Subject Name Core Java

Q4. If `getParameter()` returns null, then assigning the return value to a variable of type String may cause an exception to be thrown.

**Correct Answer : F**

Your Answer :

QuestionID : 1350      Subject Name Core Java

Q5. If a frame uses a Grid layout manager and does not contain any panels, then all the components within the frame are of the same width and height.

**Correct Answer : T**

Your Answer :

QuestionID : 1376      Subject Name Core Java

Q6. AWT has different classes for radio buttons and checkboxes.

**Correct Answer : T**

Your Answer :

QuestionID : 9312      Subject Name Core Java

Q7. how are remote object parameters transferred between client and server

1. services must extend the remote interface
2. the skeelton file must be present for the server
3. the server must be runing before its service can be used
4. all of the above are no longer true

**Correct Answer : 2**

Your Answer :

QuestionID : 9405      Subject Name Core Java

Q8. Which of the following collection classes from java.util package are thread safe?

1. Vector
2. ArrayList
3. HashMap
4. HashNode

**Correct Answer : 1**

Your Answer :

QuestionID : 9414      Subject Name Core Java

Q9. public abstract class AbstractClass

```
{  
public AbstractClass()  
{  
System.out.println("this is an abstract class constructor")  
}  
public void amethod()  
{  
System.out.println("this is method in abstract class");  
}  
}
```

1. compiler error -the method AbstractClass does not have valid return type
2. compiler error -the class can not be declared as abstract as it does not have a valid return type.
3. no compiler error-the class is not practically abstract class and can be instantiated
4. No compiler error -the class can not be instantiated directly.It has to be

extended to non abstract class. The constructors of the extended class will call the constructor of abstract of the abstract class (implicitly or explicitly).

**Correct Answer : 4**

Your Answer :

QuestionID : 9460      Subject Name Core Java

Q10. Read the code carefully

```
import java.awt.*;

public class test extends Frame
{
    Button bnorth=new Button("NORTH");
    Button bsouth=new Button("South");
    Button beast=new Button("East");
    Button bwest=new Button("West");
    Button bcenter=new Button("Center");

    public test()
    {
        setLayout(new BorderLayout());
        add(bsouth,BorderLayout.SOUTH);
        add(bwest,BorderLayout.WEST);
        add(beast,BorderLayout.EAST);
        add(bnorth,BorderLayout.NORTH);

        add(bcenter);

        setLayout(new FlowLayout());
        validate();
        pack();
        setVisible(true);
    }

    public static void main(String args[])
    {
        test t=new test();
    }
}
```

1. compilation Error-layout cannot be set twice for a component.

2. compilation Error-one button is added without specifying the position in the

border layout.

3. No compilation error- buttons are arranged in a line in the order (from left

to right)

"north","south","west","east","center"

4. No compilation error- buttons are arranged in a line in the order (from left

to right)

"south","west","east","north","center"

**Correct Answer : 4**

Your Answer :

QuestionID : 9477      Subject Name Core Java

Q11. Tree Map class is used to implement which collection interface.

select the one correct answer.

1. Tree
2. Sorted Set
3. List
4. Sorted Map

**Correct Answer : 4**

Your Answer :

QuestionID : 9494      Subject Name Core Java

Q12. Which of following are legal statements?

- a)String s=(String)100;
- b)Float f=1.2f;
- c)double d=0;
- d)String str="s";

1. a,b,c
2. b,c,d
3. only b and d
4. only c and d

**Correct Answer : 4**

Your Answer :

QuestionID : 9503      Subject Name Core Java

Q13. public class Outer

{

```
public void doIt()
{
}
public class Inner
{
public void doIt()
{
}
}
public static void main(String[] args)
{
new Outer().new Inner().doIt();
}
}
```

Which statements are true about the following program?

Select the two correct answers.

- (a) The doIt() method in the Inner class overrides the doIt() method in the Outer class.
- (b) The doIt() method in the Inner class overloads the doIt() method in the Outer class.
- (c) The doIt() method in the Inner class hides the doIt() method in the Outer class.
- (d) The full name of the Inner class is Outer.Inner.

- 1. (a) & (b)
- 2. (c) & (b)
- 3. (a) & (d)
- 4. (c) & (d)

**Correct Answer : 4**

Your Answer :

QuestionID : 9525      Subject Name Core Java

Q14. if("String".replace('T','t')== "String")

System.out.println("Equal");

else

System.out.println(" not Equal");

- 1. the code will compile and print Equal
- 2. the code will compile and print not Equal
- 3. the code will cause compile error
- 4. ..

**Correct Answer : 1**

Your Answer :

QuestionID : 9542      Subject Name Core Java

Q15. Sharing of CPU time is called as Time slicing or Time sharing.

**Correct Answer : T**

Your Answer :

QuestionID : 9566      Subject Name Core Java

Q16. Java supports multi-dimensional Arrays.

**Correct Answer : T**

Your Answer :

QuestionID : 9575      Subject Name Core Java

Q17. Which of the following are reserved keywords?

a. public

b. static

c. void

d. main

e. String

f. args

1. a,b,c

2. a,b,d

3. a,c,d,e,f

4. all of these.

**Correct Answer : 1**

Your Answer :

QuestionID : 9583      Subject Name Core Java

Q18. Which of the following primitive data type is not integer type?

1.type boolean

2.type byte

3.type float

4.type short

5.type double.

1. 2 and 3

2. 1,3 and 5

3. 2 and 5

4. 4 and 5

**Correct Answer : 2**

Your Answer :

QuestionID : 9595      Subject Name Core Java

Q19. Class class1

{

static{

System.out.println(Thread.currentThread().getName());

```
}  
  
int meth1(int i)  
{  
    System.out.println(i);  
    return 0;  
}  
public static void main(String[] args)  
{  
    System.out.println(Class.forName().getName());  
    int i=0;  
    i=i++ + meth1(i);  
    System.out.println(i);  
}  
  
}
```

1. prints jvm main thread name,class1,1,0.
2. prints null,name,class1,1,0.
3. program compiles successfully and give the thread name .
4. none of above.

**Correct Answer : 4**

Your Answer :

QuestionID : 9649      Subject Name Core Java

Q20. which will following expression evaluted using floating-point arithmetic

select one answer

1.  $2.0 * 3.0$
2.  $2 * 3$
3.  $2/3 + 5/7$
4.  $4 * 5$

**Correct Answer : 1**

Your Answer :

QuestionID : 9675      Subject Name Core Java

Q21. What is True about the Static member variables of a class....

- a)It is initialized to zero when the first object of class is created.
- b)Only one copy of the member will exist throughout the class.
- c)Static variables are normally used to maintain values common to the entire class.
- d)Static variables can be accessed only using static member functions.

1. a,b & c.

2. a,b,d.
3. only d.
4. all of the above.

**Correct Answer : 4**

Your Answer :

QuestionID : 9703      Subject Name Core Java

Q22. Read the piece of code carefully

```
if("string".substring(0,6)=="string")
System.out.println("Equal");
else
System.out.println("Not Equal");
```

1. the code will compile and print "Equal"
2. the code will compile and print "Not Equal"
3. the code will cause a compiler error
4. none of the above

**Correct Answer : 1**

Your Answer :

QuestionID : 9725      Subject Name Core Java

Q23. which statements are valid when occurring their own

1. while()break;
2. do{break;}while(true);
3. if(true){break;}
4. none of the above

**Correct Answer : 2**

Your Answer :

QuestionID : 9827      Subject Name Core Java

Q24. What will happen if you compile/run this code?

```
1: public class Q1 extends Thread
2: {
3: public void run()
4: {
5: System.out.println("Before start method");
6: this.stop();
7: System.out.println("After stop method");
8: }
9:
10: public static void main(String[] args)
11: {
12: Q1 a = new Q1();
```



```
13: a.start();  
14: }  
15: }
```

1. Compilation error at line 7.
2. Runtime exception at line 7.
3. Prints "Before start method" and "After stop method".
4. Prints "Before start method" only.

**Correct Answer : 4**

Your Answer :

QuestionID : 9831      Subject Name Core Java

Q25. What is output `System.out.println(12/0.0);`

1. Infinity
2. Divide by zero Exception
3. NaN
4. Compile time error

**Correct Answer : 1**

Your Answer :

QuestionID : 9833      Subject Name Core Java

Q26. when using the GridBag Layout manger each new component require a new instance of the GridBag constraint class?

**Correct Answer : F**

Your Answer :

QuestionID : 9885      Subject Name Core Java

Q27. Given the following classes defined in separate files:

```
class Vehicle{  
    public void drive(){  
        System.out.println("Vehicle: drive");  
    }  
}
```

```
class Car extends Vehicle{  
    public void drive(){  
        System.out.println("Car: drive");  
    }  
}
```

```
public class Test{  
    public static void main (String args []) {  
        Vehicle v;  
        Car c;
```

```
v = new Vehicle();  
c = new Car();  
v.drive();  
c.drive();  
v = c;  
v.drive();  
}  
}
```

What will be the effect of compiling and running this class Test?

1. Generates a Compiler error on the statement `v= c;`
2. Generates runtime error on the statement `v= c;`
3. Prints out:

Vehicle: drive

Car: drive

Car: drive

4. Prints out:

Vehicle: drive

Car: drive

Vehicle: drive

**Correct Answer : 3**

Your Answer :

QuestionID : 9903      Subject Name Core Java

Q28. Which of the following are acceptable?

A) Object `o = new Button("A");`

B) Boolean `flag = true;`

C) Frame `f = new Panel();`

D) Panel `p = new Applet();`

Select all correct answers.

i) A,B

ii) A,B,C

iii)A,D

iv)ALL

1. i

2. ii

3. iii

4. iv

**Correct Answer : 3**

Your Answer :

QuestionID : 9909      Subject Name Core Java

Q29. Which of the following are short-circuit operators in java

1.&amp;&amp;

2.||

3.?:

1. 1&amp;2

2. 1&amp;3

3. none of the above

4. all of the above

**Correct Answer : 1**

Your Answer :

QuestionID : 9936      Subject Name Core Java

Q30. Does this code will compile?

class base

{

int x=10;

}

class sib1 extends base

{

int y=20;

}

class sib2 extends base

{

int z=30;

}

public class test

{

public static void main(String[] args)

{

base bs= new base();

sib1 a=new sib1();

sib2 b=new sib2();

a=b;

}

}

1. It will give error due to base reference compatibility

2. It will give runtime error

3. It will give compile time error due to incompatibility

4. Code will run smoothly

**Correct Answer : 3**

Your Answer :

QuestionID : 9938      Subject Name Core Java

Q31. The layout of a container can be altered using which of the following methods:

1. setLayout(aLayoutManager);
2. addLayout(aLayoutManager);
3. layout(aLayoutManager);
4. setLayoutManager(aLayoutManager);

**Correct Answer : 1**

Your Answer :

QuestionID : 9958      Subject Name Core Java

Q32. What is the output of the following code?

```
1: int i = 16;
2: int j = 17;
3:
4: System.out.println("i >> 1 = " + (i >> 1));
5: System.out.println("j >> 1 = " + (j >> 1));
```

1. Prints i >> 1 = 8

j >> 1 = 8

2. Prints i >> 1 = 7

j >> 1 = 7

3. Prints i >> 1 = 8

j >> 1 = 9

4. Prints i >> 1 = 7

j >> 1 = 8

**Correct Answer : 1**

Your Answer :

QuestionID : 9964      Subject Name Core Java

Q33. What is the return type of method round(double) of Math Class?

1. short
2. int
3. double
4. long

**Correct Answer : 4**

Your Answer :

QuestionID : 10035      Subject Name Core Java

Q34. Which of the following classes do not extend the java.lang.Number class?

1. a. java.lang.Float
2. b. java.lang.Byte
3. c. java.lang.Character
4. d. java.lang.Short

**Correct Answer : 3**

Your Answer :

QuestionID : 10049      Subject Name Core Java

Q35. standard parameters of scrollbar are :

scrollbar(int orientation,int value,int visible,int minium,int maximum)

**Correct Answer : T**

Your Answer :

QuestionID : 10050      Subject Name Core Java

Q36. Which statement is true?

1. The compiler will fail to compile code that explicitly tries to call the finalize() method
2. The finalize() method must be declared with protected accessibility
3. An overriding finalize() method in any class can always checked exceptions
4. The finalize() method can be overloaded

**Correct Answer : 4**

Your Answer :

QuestionID : 10051      Subject Name Core Java

Q37. Which statement is true?

1. an obj will be garbage collected immediately after it becomes unreachable.
2. If object obj1 is accessible from object obj2,and obj2 is accessible from obj1,then obj1 and obj2 are not eligible for garbage collection
3. once an obj has become eligible for garbage collection,it will remain eligible until it is destroyed
4. If obj1 can access obj2 that is eligible for garbage collection,then obj1 is also eligible for garbage collection

**Correct Answer : 4**

Your Answer :

QuestionID : 10062      Subject Name Core Java

Q38. class test

```
{  
public static void main(String args[])  
{  
// char c = ` \u000A ` ;  
}  
}
```

1. Compilation Error
2. variable c will contain some value
3. c = `A`
4. None of above

**Correct Answer : 1**

Your Answer :

QuestionID : 10069      Subject Name Core Java

Q39. Every method of final class is implicitly final.

**Correct Answer : T**

Your Answer :

QuestionID : 10102      Subject Name Core Java

Q40. The major drawback of using native methods in java is that your program will no longer be portable

**Correct Answer : T**

Your Answer :

QuestionID : 10149      Subject Name Core Java

Q41. What will be output of following

`int tooSmall = Integer.MIN_VALUE - 1`

1. 2147483647
2. -2147483648
3. Will give compile error
4. None of the above

**Correct Answer : 1**

Your Answer :

QuestionID : 10187      Subject Name Core Java

Q42. What is the difference between boolean logical operators and conditional operator?

1. Both are same
2. Boolean logical operators evaluates both the operands whereas conditional do not if the result can be determined from the left operand
3. Boolean logical operators can be applied to integral operands to perform bitwise logical operations and conditional can not
4. both 2 & 3

**Correct Answer : 4**

Your Answer :

QuestionID : 10220      Subject Name Core Java

Q43. Which of these fields declarations are legal within the body of an interface

- a) public static int answer=100
- b) int answer

c)final static int answer=100  
d)private final static int answer=100

1. a,b
2. a,c
3. b,c
4. c,d

**Correct Answer : 2**

Your Answer :

QuestionID : 10241      Subject Name Core Java

Q44. System.gc() is a static method defined in System class to encourage JVM

for garbage collection.

**Correct Answer : T**

Your Answer :

QuestionID : 10247      Subject Name Core Java

Q45. String str="hello";  
String str1=str+"world";  
str1=str1.intern();  
String str2="helloworld";  
if(str1==str2)  
System.out.println("equal");  
else  
System.out.println("not equal");

1. compiler error
2. equal
3. not equal
4. exception is thrown

**Correct Answer : 2**

Your Answer :

QuestionID : 10445      Subject Name Core Java

Q46. RandomAccess is a marker interface used by List implementations to indicate that they support fast random access.

**Correct Answer : T**

Your Answer :

QuestionID : 10460      Subject Name Core Java

Q47. \_\_\_\_\_ Class is Super class for all java exception classes

1. Throwable
2. Throw
3. ThrowsException
4. all

**Correct Answer : 1**

Your Answer :

QuestionID : 10461      Subject Name Core Java

Q48. Every Applet that u create must be a subclass of Applet

**Correct Answer : T**

Your Answer :

QuestionID : 10979      Subject Name Core Java

Q49. Which of the following method is used to create a thread?

1. run()
2. yield()
3. start()
4. create()

**Correct Answer : 3**

Your Answer :

QuestionID : 10982      Subject Name Core Java

Q50. In serialization object is stored in form of?

1. byte
2. character
3. string
4. all

**Correct Answer : 1**

Your Answer :