

## OracleOCA认证考试练习真题题库二

第1部分：单项选择题，共124题，每题只有一个正确答案，多选或少选均不得分。

```
1. [单选题]Class Product{
Double price;
}
Public class Test{
Public void updetePrice(Product product ,double price) {
Price=price*2;
Product .price=product .price+price;
}
Public static void main(String [] arge) {
Product prt =new Product();
Prt.price=200;
Double newPrice=100;
Test t=new Test();
T. updetePrice(prt,newPrice);
System.out.println(prt.price+": "+newPrice);
}
}
```

- A) 200.0:100.0
- B) 400.0:200.0
- C) 400.0:100.0
- D) Compilation fails

答案:C

解析:

```
2. [单选题]If(aval++<10) {
System.out.println(aval+"Hello Universe");
}else {
System.out.println(aval+"Hello World");
}
```

What is the result if the integer aVar is 9?

- A) 10 Hello World!
- B) 10 Hello Universe!
- C) Hello World!
- D) Compilation fails.

答案:B

解析:

```
3. [单选题]public static void main(String[] args) {
String date =LocalDate
parse("2014-05-04")
format(DateTimeFormatterISO_DATE_TIME);
System.out.println(date);
}
```

What is the result?

- A) May 04, 2014T00:00:00.000
- B) 2014-05-04T00:00:00.000
- C) 5/4/14T00:00:00.000
- D) An exception is thrown at runtime.

答案:D

解析:

```
4. [单选题]public static void main(String[] args) {  
    Short s1=200;  
    Integer s2=400;  
    Long s3=(long)s1+s2;//line n1;  
    String s4=(String)(s3*s2); //line n2;  
}
```

What is the result?

- A) Sum is 600
- B) Compilation fails at line n1.
- C) Compilation fails at line n2.
- D) A ClassCastException is thrown at line n1.
- E) A ClassCastException is thrown at line n2.

答案:C

解析:

```
5. [单选题]class Vehicle{  
    String type = "4w";  
    int maxSpeed = 100;  
    Vehicle(String type ,int maxSpeed) {  
        this.type = type ;  
        this.maxSpeed = maxSpeed;  
    }  
}  
class Car extends Vehicle{  
    String trans ;  
    Car (String trans){ // line n1  
        this.trans = trans ;  
    }  
    Car(String type,int maxSpeed,String trans) {  
        super(type,maxSpeed);  
        this(trans); //line n2  
    }  
}
```

And given the code fragment:

```
Car c1 = new Car ("Auto");  
Car c2 = new Car("4w",150,"Manual");  
System.out.println(c1.type+" "+ c1.maxSpeed + " " + c1.trans);  
System.out.println(c2.type+" "+ c2.maxSpeed + " " + c2.trans);
```

What is the result?

- A) 4W 100 Auto  
4W 150 Manual
- B) Null 0 Auto  
4W 150 Manual

- C)Compilation fails only at line n1
- D)Compilation fails only at line n2
- E)Compilation fails at both line n1 and line n2

答案:E

解析:

```
6. [单选题]public static void main(String [] args) {
StringBulider sb=new StringBulider(5);
String s="";
If(sb.equals(s)) {
System.out.println("Match 1");
}else if(sb.toString().equals(s.toString())){
System.out.println("Match 2");
}else {
System.out.println("NO Match");
}
}
```

What is the result?

- A)Match 1
- B)Match 2
- C)No Match
- D)A NullPointerException is thrown at runtime.

答案:B

解析:

```
7. [单选题]Given:
Public static void main(String[] args){
String ta = "A";
Ta = ta.concat("B");
String tb = "C";
Ta = ta.concat(tb);
Ta.replace('C', 'D');
Ta = ta.concat(tb);
System.out.println(ta);
}
```

What is the result?

- A)A B D C
- B)A B C C
- C)A B C D
- D)A C D
- E)A B C

答案:B

解析:

```
8. [单选题]Given:
Class CD {
int r;
CD(int r) {
this.r=r;
}
}
```

```
Class DVD extends CD {  
    int c;  
    DVD(int r, int c) {  
        // line n1  
    }  
}
```

And given the code fragment:

```
DVD dvd = new DVD(10,20);
```

Which code fragment should you use at line n1 to instantiate the dvd object successfully?

您应该在第n1行使用哪个代码片段来成功实例化dvd对象?

- A) super. r=r;  
 this. c=c;
- B) uper(r);  
 this(c);
- C) super(r);  
 this. c=c;
- D) this. c=r;  
 super(c);

答案:C

解析:

9. [单选题]Given:

```
Int a[] = {1,2,3,4,5};
```

```
For (XXX) {
```

```
System.out.print(a[e]);
```

```
}
```

Which option can replace xxx to enable the code to print 135?

- A) int e =0;e<=4;e++
- B) int e =0;e<5;e+=2
- C) int e =1;e<=5;e+=1
- D) int e =1;e<5;e+=2

答案:B

解析:

10. [单选题]Which statement best describes encapsulation?

- A)Encapsulation ensures that classes can be designed so that only certain fields and methods of an object are accessible from other objects. 封装确保可以设计类,以便只有对象的某些字段和方法可以从其他对象访问。
- B)Encapsulation ensures that classes can be designed so that their methods are inheritable. 封装确保类可以被设计成它们的方法是可继承的。
- C)Encapsulation ensures that classes can be designed with some fields and methods declared as abstract 封装确保类可以在设计时将某些字段和方法声明为抽象
- D)Encapsulation ensures that classes can be designed so that if a method has an argument MyType x, any subclass of MyType can be passed to that method. 封装确保可以设计类,这样如果一个方法有MyType x参数,MyType的任何子类都可以传递给该方法。

答案:A

解析:

11. [单选题]Given the code fragment:

```
String shirts[][]=new String[2][2];
```

```
Shirts[0][0]="red";
```

```
Shirts[0][1]="blue";  
Shirts[1][0]="small";  
Shirts[1][1]="medium";  
Which code fragment prints red:blue:small:medium:?
```

- A)for (int index=0; index<2; ++index) {  
For (int idx=0; idx<index; ++idx) {  
System. out. print(shirts[ index][ idx]+":");  
}  
}
- B)for (int index=1; index<2; index++){  
For (int idx=1; idx<2; idx++){  
System. out. print(shirts[ index][ idx]+":");  
}  
}
- C)for (String c: colors) {  
For (String s: sizes) {  
System. out. println(s+":");  
}  
}
- D)for (int index=0; index<2;){  
For (int idx=0; idx<2;){  
System. out. print(shirts[ index][ idx]+":");  
Idx++;  
}  
Index++;  
}

答案:D  
解析:

12. [单选题] Given the code fragment:

```
Public class Test {  
Void readCard(int cardNo) throws Exception {  
System.out.println(Reading Card" );  
}  
Void checkCard(int cardNo) throws RuntimeException{//line n1  
System.out.println( "Checking Card" );  
}  
Public static void main(String[] args) {  
Test ex=new Test();  
Int cardNo=12344;  
Ex.checkCard(cardNo); //line n2  
Ex.readCard(cardNo); //line n3  
}  
}
```

What is the result?

- A)Reading CardChecking Card
- B)Compilation fails only at line n1.
- C)Compilation fails only at line n2.
- D)Compilation fails only at line n3.
- E)Compilation fails at both line n2 and line n3.

答案:D

解析:

13. [单选题] Given the code fragment:

```
3\public static void main(String[] args) {
4\int x=5;
5\while(isAvailable(x)) {
6\System.out.println(x);
7\
8\}
9\}
10\
11\public static boolean isAvailable(int x) {
12\return x-->0 ? true : false;
13\}
```

Which modification enables the code to print 054321?

- A) Replace line 6 with System.out.print(--x);
- B) At line 7 insert x--;
- C) Replace line 6 with --x; and at line 7 insert sysytem.out.print(x);
- D) Replace line 12 with return (x>0) ? false : true;

答案:B

解析:

14. [单选题] Given the code fragment:

```
Public static void main(String[] args) {
Int x = 5;
While(isAvailable(x)) {
System.out.println(x);
}
}
Public static boolean isAvailable(int x) {
Return x-->0?true:false;
}
```

Which modification enables the code to print 54321?

- A) Replace line 6 with System.out.print (--x) ;
- B) At line7, insert x --;
- C) Replace line 6 with --x; and, at line 7, insert system, out. print (x);
- D) Replace line 12 With return (x > 0) ? false: true;

答案:B

解析:

15. [单选题] Given the code fragment:

```
Public static void main(String[] args) {
Boolean opt = true;
Switch(opt) {
Case true:
System.out.println("True");
Break;
Default:
System.out.println("****");
}
System.out.println("Done");
```

}

Which modification enables the code fragment to print TrueDone?

- A) Replace line 5 With String opt= "true"; Replace line 7 with case "true":
- B) Replace line 5 with boolean opt = 1; Replace line 7 with case 1:
- C) At line 9, remove the break statement.
- D) Remove the default section.

答案:A

解析:

16. [单选题] Given the code fragment:

```
Public static void main(String[] args) {  
    Int num = 5;  
    Do {  
        System.out.println(num--+"");  
    }while(num == 0 )  
}
```

What is the result?

- A) 5 4 3 2 1 0
- B) 5 4 3 2 1
- C) 4 2 1
- D) 5
- E) Nothing is printed

答案:D

解析:

17. [单选题] Given the code fragment:

```
Public static void main(String[] args) {  
    Int x = 100;  
    Int a = x++;  
    Int b = ++x;  
    Int c = x++;  
    Int d = (a<b)?(a<c)?a: (b<c)?b:c;  
    System.out.println(d);  
}
```

What is the result?

- A) 100
- B) 101
- C) 102
- D) 103
- E) Compilation fails

答案:E

解析:

18. [单选题] Given the code fragment:

```
Public static void main(String[] args) {  
    String[][] chs = new String[5][2];  
    Chs[0] = new String[2];  
    Chs[0] = new String[5];  
    Int i = 97;  
    For(int a = 0; a<chs.length; a++) {  
        For(int b = 0; b<chs.length; b++) {
```

```
Chs[a][b] = ""+i;
I++;
}
}
For(String[] ca :chs) {
For(String c:ca) {
System.out.println(c);
}
}
System.out.println();
}
```

What is the result

- A)Compilation fails
- B)An ArrayIndexOutOfBoundsException is throw at runtime
- C)97 98 99 100 null null null
- D)A NullPointerException is thrown at runtime
- E)97 98 99 100 101 102 103

答案:B

解析:

19. [单选题]Given the code fragment:

```
Public static void main(String[] args) {
List<String> names = new ArrayList<>();
Names.add("Robb");
Names.add("Bran");
Names.add("Rick");
Names.add("Bran");
If(names.remove("Bran")) {
Names.remove("jon");
}
System.out.println(names);
}
```

What is the result

- A) [Robb,Rick,Bran]
- B) [Robb,Rick,Bran]
- C) [Robb,Rick,Bran]
- D) [Robb,Rick,Bran]

答案:A

解析:

20. [单选题]Given the code fragment:

```
Class A{
Public A() {
System.out.print("A");
}
}
Class B extends A{
Public B() { //line n1
System.out.print("B");
}
}
Class C extends B{
```



```
Public C () { //line n2
System.out.print("C");
}
Public static void main(String[] args) {
C c = new C();
}
}
```

What is the result?

- A) C B A
- B) C
- C) A B C
- D) Compilation fails at line n1 and line n2

答案:C

解析:

```
21. [单选题] Class X {
Int i;
Static int j;
}
Public static void main(String[] args) {
X x1 = new X();
X x2 = new X();
X1.i = 3;
X2.j = 4;
X1.i = 5;
X2.j = 6;
System.out.println(
X1.i + " " +
X2.j + " " +
X1.i + " " +
X2.j);
}
```

What is the result?

- A) 3 4 5 6
- B) 3 6 5 6
- C) 3 4 3 6
- D) 5 4 5 6

答案:B

解析:

22. [单选题] Given the code fragment:

```
Public class Test {
Public static void main(String[] args) {
insert code here*/
Array[0] = 10;
Array[1] = 20;
System.out.println(array[0]+":"+array[1]);
}
}
```

Code fragment, when inserted at line 3, enables the code to print 10:20?

- A) int[] array n= new int[2];

B) int[] array; array = new int[2];

C) int array = new int[2];

D) int array [2] ;

答案: B

解析:

23. [单选题] Given the code fragment:

```
Public static void main(String[] args) {  
String[] arr = {"A", "B", "C", "D"};  
For(int i = 0; i < arr.length; i++) {  
System.out.println(arr[i] + " ");  
If(arr[i].equals("C")) {  
Continue;  
}  
System.out.println("Work done");  
Break;  
}  
}
```

What is the result?

A) A B C Work done

B) A B C D Work done

C) A Work done

D) Compilation fails

答案: C

解析:

24. [单选题] Given the code from the Greeting.java file:

```
Public class Greeting {  
Public static void main(String【】 args) {  
System.out.println("hello" + args[0]);  
}  
}
```

Which set of commands prints Hello Duke in the console?

A) javac Greeting.java Greeting Duck

B) javac Greeting.java Duck.java Greeting

C) javac Greeting.java JavaGreeting Duck

D) java Greeting.java javaGreeting.class Duck

答案: C

解析:

25. [单选题] Given:

```
Public class Alpha {  
Int ns;  
Static int s;  
Alpha(int s) {  
If (s < ns) {  
S = ns;  
This.ns = ns;  
}  
}  
Void doPrint() {
```

```
System.out.println("ns="+ns+"s="+s);
}
}
Public class TestA {
Public static void main(String[] args) {
Alpha ref1=new Alpha(50);
Alpha ref2=new Alpha(125);
Alpha ref3=new Alpha(100);
Ref1.doPrint();
Ref2.doPrint();
Ref3.doPrint();
}
}
```

What is this result?

A ns=50 s=125

ns=125 s=125

ns=100 s=125

B ns=50 s=125

ns=125s=125

ns=0 s=125

C ns=50 s=125

ns=125s=125

ns=100 s=100

D ns=50 s=125

ns=125 s=125

ns=0 s=125

What is the result?

A)Option A

B)Option B

C)Option C

D)Option D

答案:B

解析:

26. [单选题]Given the code fragment:

```
Public class test {
Public static void main(String[]args) {
Int ii=0;
Int jj=7;
For(ii=0;ii<jj-1;ii=ii+2) {
System.out.println(ii+" ");
}
}
}
```

What is the result?

A)2 4

B)0 2 4 6

C)0 2 4

D)Compilation fails

答案:C

解析:

27. [单选题] Given the code fragment:

Assume that the system date is June 20, 2014. What is the result?

```
LocalDate date1 = LocalDate.now();  
LocalDate date2 = LocalDate.of(2014,6,20);  
LocalDate date3 = LocalDate.parse("2014-06-20",DateTimeFormatter.ISO_DATE);  
System.out.println("date1 = "+date1);  
System.out.println("date2 = "+date2);  
System.out.println("date3 = "+date3);
```

Assume that the system date is June 20, 2014. What is the result?

A) Option A A dataParseException is throw at runtime

B) Option B data1=2014-06-20

Data2=2014-06-20

Data3=2014-06-20

C) Option C

Data1=06/02/2014

Data2=2014-06-20

Data3=Jun 20,2014

D) Option D Compilation fails

答案: B

解析:

28. [单选题] Given the code fragment:

```
7\ StringBuilder sb1 = new StringBuilder("Duke");
```

```
8\ String str1 = sb1.toString();
```

```
9\ //insert code here
```

```
10\ System.out.print(str1==str2);
```

Which code fragment, when inserted at line 9, enables the code to print true?

A) String str2 = sb1.toString();

B) String str2 = new String(str1);

C) String str2 = "Duke";

D) String str2 = str1;

答案: D

解析:

29. [单选题] Given the code fragment:

```
Public class Test {  
    static int count= 0;  
    int i=0;  
    public void changeCount() {  
        while(i<5){  
            i++;  
            count++;  
        }  
    }  
    Public static void main (String [] args) {  
        Test check1 =new Test();  
        Test check2 =new Test();  
        Check1.changeCount();  
        Check2.changeCount();  
        System.out.print(check1.count+": "+ check2.count);  
    }  
}
```

```
}  
}
```

What is the result?

- A)Compilation fails
- B)5:10
- C)10:10
- D))5:5

答案:C

解析:

30. [单选题]Given:

```
Public class Test{  
Public static void main(String[] args) {  
If (args[0] . equals ("Hello") ? false : true)  
System. out. println ("success") ;  
}else {  
System. out. println("Failure") ;  
}  
}  
}
```

And given the commands:

```
Javac Test.Java
```

```
Java Test Hello
```

What is the result?

- A)Success
- B)Faliure
- C)Compilation fails.
- D)An exception is thrown at runtime.

答案:B

解析:

31. [单选题]给定以下代码:

```
Public static void main(String[] args) {  
String[] planets = { "Mercury", "Venus", "Earth", "Mars"} ;  
System. out. println (planets. length) ;  
System. out. println(planets[1] . length()) ;  
}
```

输出是什么?

- A)44
- B)35
- C)47
- D)54
- E)4 5
- F)421

答案:E

解析:

32. [单选题]给定:

```
Acc. java:
```

```
Package pl;
```

```
Public class Acc{
```

```
int p;  
private int q;  
protected int r;  
public int s;  
}  
Test.java:  
Package p2;  
Import p1.Acc;  
Public class Test extends Acc{  
public static void main(String[] args){  
Acc obj=new Test();  
}  
}
```

Which statement is true?

- A)Both p and s are accessible by obj.
- B)Only s is accessible by obj.
- C)Both r and s are accessible by obj.
- D)p, r, and s are accessible by obj.

答案:B

解析:

33. [单选题] 给定:

```
Base.java:  
Class Base{  
public void test(){  
System.out.println("Base");  
}  
}  
DerivedA.java:  
Class DerivedA extends Base{  
public void test(){  
System.out.println("DerivedA");  
}  
}  
DerivedB.java:  
Class DerivedB extends DerivedA{  
public void test(){  
System.out.println("DerivedB");  
}  
public static void main(String[] args){  
Base b1=new DerivedB();  
Base b2=new DerivedA();  
Base b3=new DerivedB();  
b1=(Base)b3;  
Base b4=(DerivedA)b3;  
b1.test();  
b4.test();  
}  
}
```

结果是什么?

- A)BaseDerivedA

- B)BaseDerivedB
- C)DerivedBDerivedB
- D)DerivedBDerivedA
- E)A classcast Exception is thrown at runtime.

答案:C

解析:

34. [单选题]给定代码片段:

```
Public static void main (String[] args) {  
ArrayList myList = new ArrayList () ;  
string[ ] myArray ;  
try {  
while (true) {  
myList.add ("My String") ;  
}  
}  
catch (RuntimeException re) {  
System. out. println ("Caught a RuntimeException") ;  
}  
catch (Exception e) {  
system. out. println ("Caught an Exception") ;  
}  
System. out. println("Ready to use") ;  
}
```

结果是什么?

- A)Execution terminates in the first catch statement, and caught a RuntimeException is printed to the console.
- B)Execution terminates in the second catch statement, and caught an Exception is printed to the console.
- C)A runtime error is thrown in the thread "main".
- D)Execution completes normally, and Ready to use is printed to the console.
- E)The code fails to compile because a throws keyword is required.

答案:C

解析:

35. [单选题]给定:

```
System.out.println("5+2="+3+4);  
System.out.println("5+2="+(3+4));
```

结果是什么?

- A)5+2=34  
5+2=34
- B)5+2+3+4  
5+2=7
- C)7=7  
7+7
- D)5+2=34  
5+2=7

答案:D

解析:

36. [单选题]给定以下代码片段:

```
Person. java:
```

```
Public class Person {  
String name ;  
int age;  
Public Person (String n,int a) {  
name=n;  
age = a;  
}  
Public String getName ()  
return name ;  
}  
Public int getAge () {  
return age ;  
}  
}
```

Test. java:

```
Public static void checkAge (List<Person> list, Predicate<Person> predicate) {  
for (Person p : list) {  
if (predicate.test (p)) {  
System. out. println(p.name +” ”) ;  
}  
}  
Public static void main(String[] args) {  
List<Person> iList = Arrays. asList (new Person (”Hank”, 45),  
new Person(”Charlie”, 40),  
new Person(”Smith”, 38)) ;  
//line n1  
}
```

- A)checkAge (iList, ( ) -> p. get Age ( ) > 40);
- B)checkAge(iList, Person p -> p.getAge( ) > 40);
- C)checkAge (iList, p -> p.getAge ( ) > 40);
- D)checkAge(iList, (Person p) -> { p.getAge() > 40; });

答案:C

解析:

37. [单选题]给定以下代码片段:

```
public static void main (String[] args) {  
String[] [] arr = {{"A.", "B", "C"}, {"D", "E"} };  
for(inti=0;i<arr.length;i++){  
for(intj=0;j<arr[i].length;j++){  
System. out. print (arr[i][j] +” ”) ;  
if (arr[i] [j] .equals(”B”)) {  
break;  
}  
}  
}  
continue;  
}  
}
```

- A)A B C
- B)A B C D E
- C)A B D E
- D)Compilation fails.



答案:C

解析:

38. [单选题]给定代码片段:

```
Public class App {  
Public static void main (String[ ] args) {  
String str1 = "Java" ;  
String str2 = new String ("java") ;  
//line1  
{  
System. out. println("Equal") ;  
} else {  
System. out. println ("Not Equal") ;  
}  
}  
}
```

Which code fragment, when inserted at line n1, enables the App class to print Equal?

A)String str3 = str2;

If (str1 == str3)

B)if (str1. equalsIgnoreCase (str2) )

C)String str3 = str2;

If (str1. equals (str3) )

D)if (str1. toLowerCase () == str2. toLowerCase () )

答案:B

解析:

39. [单选题]Given:

```
Public class SumTest {  
Public static void doSum (Integer X,Integer y) {  
System. out. println("Integer sum is" + (x + y)) ;  
}  
Public static void doSur (double X,double y) {  
System. out. println("double sum is" + (x + y)) ;  
}  
Public static void doSum(float X,float y) {  
System. out. println("float sum is+(x+y));  
}  
Public static void doSum(int X,int y) {  
System. out. println("int sum is" + (x+ y)) ;  
Public static void main (String[] args) {  
DoSum (10,20) ;  
DoSum (10.0,20.0) ;
```

What is the result?

A)int Sur is 30

Float sum is 30. 0

B)int sur is 30

Double sum is 30

C)Integer sum is 30

Double sum is 30.0

D)Integer sum is 30

Float sum is 30. 0

答案:B

解析:

40. [单选题] Given the code fragment:

```
String[] strs = new String[2] ;
Int idx = 0;
For (String S : strs) {
Strs[idx] . concat (" element " + idx) ;
Idx++ ;
For (idx = 0; idx < strs. length; idx++) {
System. out. println (strs[idx]) ;
What is the result?e
A)Element 0Element 1
B)Null element 0Null element 1
C)NullNull
D)A NulPointerException is thrown at runtime.
```

答案:D

解析:

41. [单选题] Given:

```
Class Vehicle {
Int x;
Vehicle () {
This(10) ; // line n1
}
Vehicle (int x) {
This. x = X;
}
}
Class Car extends Vehicle {
Int y;
Car () {
Super () ;
This (20) ; // line n2
}
Car (int y) {
This. y = y;
}
Public string tostring() {
Return super. x + ": " + this. y;
}
}
```

And given the code fragment:

```
Vehicle y = new Car () ;
System. out. println(y) ;
What is the result?
```

- A)10:20
- B)0:20
- C)Compilation fails at line n1
- D)Compilation fails at line n2

答案:D

解析:

42. [单选题]构造函数调用必须是构造函数中的第一条语句,给定 MyString 类和 Test 类的定义:

MyString.java:

```
Package pl;
Class MyString{
String msg;
MyString (String msg){
This.msg=msg
}
}
```

Test.java:

```
Package pl;
Public class Test{
Public static void main(String [] args){
System.out.println("Hello" + new StringBuilder("java se.8"));
System.out.println("Hello" + new MyString("java se.8"));
}
}
```

What is the result?

- A)Hello Java SE 8  
Hello pl.MyString@<<hashcodes>>
- B)Hello Java SE 8  
Hello Java SE 8
- C)Hello java.lang.StringBuilder@<<hashcode1>>  
Hello pl.MyString@<<hashcode2>>
- D)Compilation fails at the Test class

答案:A

解析:

43. [单选题]Given:

MainTest.java:

```
Public class MainTest {
Public static void main(int[] args) {
System.out.println("int main" + args[0]) ;
}
Public static void main (object[] args) {
System.out.println ("Object main" + args[0]) ;
}
Public static void main(String[] args) {
System.out.println("String main" + args[0]) ;
}
}
```

和命令:

Javac MainTest.java

Java MainTest 1 2 3

What is the result?

- A)int main1
- B)Object main 1
- C)String main 1
- D)Compilation fails

E)An exception is thrown at runtime

答案:C

解析:

44. [单选题]鉴于代码片段:

```
Int num[] [] = new int[1] [3] ;
For(inti=0;i<num. length;i++) {
For(intj=0;j<num[i]. length;j++) {
Num[i] [j] = 10;
}
}
```

哪个选项代表外循环成功完成后num数组的状态?

A) num[0] [0]=10

Num[0] [1]=10

Num[0] [2]=10

B) num[0] [0]=10

Num[1] [0]=10

Num[2] [0]=10

C) num[0] [0]=10

Num[0] [1]=0

Num[0] [2]=0

D) num[0] [0]=10

Num[0] [1]=10

Num[0] [2]=10

Num[0] [3]=10

Num[1] [0]=0

Num[1] [1]=0

Num[1] [2]=0

Num[1] [3]=0

答案:A

解析:

45. [单选题]鉴于代码片段:

```
Public class Person {
String name ;
Int age = 25;
}
Public Person (String name) {
This () ;//line n1
SetName (name) ;
}
Public Person (String name, int age) {
Person (name) ;//line n2
SetAge (age) ;
}
//setter and getter methods go here
Public String show() {
Returnname+" " +age+" " +number;
}
Public static void main (String[] args) {
Person p1 = new Person ("Jesse") ;
```

```
Person p2 = new Person ("Walter", 52) ;  
System. out. println(p1. show() ) ;  
System. out. println(p2. show() ) ;  
}  
}
```

结果是什么?

- A)Jesse 25Walter 52
- B)Compilation fails only at line n1
- C)Compilation fails only at line n2
- D)Compilation fails at both line n1 and line n2

答案:D

解析:

46. [单选题]给定以下代码用于 Planet 对象:

```
Public class Planet {  
Public String name ;  
Public int moons ;  
Public Planet (String name, int moons) {  
This. name = name ;  
This. moons = moons ;  
}  
}
```

And the following main method:

```
Public static void main (String[] args) {  
Planet[] planets = {  
New Planet ("Mercury", 0) ,  
New Planet ("Venus", 0) ,  
New Planet ("Earth", 1) ,  
New Planet ("Mars",2)  
};  
System. out. println (planets) ;  
System. out. println (planets[2]) ;  
System. out. println (planets[2] . moons) ;
```

输出是什么?

- A)planets  
Earth  
1
- B)[LPlanets. Planet ; @15db9742  
Earth  
1
- C)[LPlanets. Planet ; 015db9742  
Planets. Planet @6d06d69c  
1
- D)[LPlanets. Planet ; @15db9742  
Planets. Planet @6d0 6d69c  
[LPlanets . Moon; @7852e922
- E)[LPlanets. Planet ; @15db9742  
Venus  
0

答案:C

解析:

47. [单选题]你被要求为一个购物应用程序开发一个程序,你会得到以下信息:

Toy 类的哪个定义为类层次结构添加了一个有效的抽象层?

- A)public abstract class Toy{  
Public abstract int calculatePrice (Toy t) ;  
Public void printToy (Toy t) { code  
Goes here \*/ }
- B)public abstract class Toy {  
Public int calculatePrice (Toy t) ;  
Public void printToy (Toy t) ;  
}
- C)public abstract class Toy {  
Public int calculatePrice (Toy t) ;  
Public final void printToy(Toy t) { code goes here \*/ }
- D)public abstract class Toy {  
Public abstract int calculatePrice (Toy t) { code goes here \*/ }  
Public abstract void printToy(Toy t) { code goes here \*/ }

答案:A

解析:

48. [单选题]Given the following code:

```
Int [] intArr= {15,30,45,60,75};  
IntArr[2]=intArr[4];  
IntArr[4]=90;
```

What are the values of each element in intArr after this code has executed?

- A)15, 60, 45, 90, 75
- B)15, 90, 45, 90, 75
- C)15, 30, 75, 60, 90
- D)15, 30, 90, 60, 90
- E)15, 4, 45, 60, 90

答案:C

解析:

49. [单选题]Given the content of three files:

Which statement is true?

- A)Only the AJava file compiles successfully.
- B)Only the Bjava file compiles successfully.
- C)Only the Cjava file compiles successfully.
- D)The AJava and Bjava files compile successfully.
- E)The Bjava and Cjava files compile successfully.
- F)The AJava and Cjava files compile successfully.

答案:A

解析:

50. [单选题]Given:

```
Public class Testscope {  
Public static void main ( string[] args){  
Int var1= 200;  
System. out. print(doCalc(var1)) ;  
System. out. print(" "+var1) ;  
}
```

A.java:

```
public class A {  
    public void a() {}  
    int a;  
}
```

B.java:

```
public class B {  
    private int doStuff() {  
        private int x = 100;  
        return x++;  
    }  
}
```

```
Static int doCalc(int var1){  
    Var1 =var1 * 2;  
    Return var1;  
}
```

What is the result?

- A) 400200
- B) 200200
- C) 400400
- D) Compilation fails

答案:A

解析:

51. [单选题] Given the following class declarations: Which 答案: fails to compile?

- A) Option A
- B) Option B
- C) Option C

- A) `ArrayList<Animal> myList = new ArrayList<>();  
myList.add(new Tiger());`
- B) `ArrayList<Hunter> myList = new ArrayList<>();  
myList.add(new Cat());`
- C) `ArrayList<Hunter> myList = new ArrayList<>();  
myList.add(new Tiger());`
- D) `ArrayList<Tiger> myList = new ArrayList<>();  
myList.add(new Cat());`
- E) `ArrayList<Animal> myList = new ArrayList<>();  
myList.add(new Cat());`

D)Option D

E)Option E

答案:D

解析:

52. [单选题]Which statement is true about Java byte code?

- A)It can run on any platform.
- B)It can run on any platform only if it was compiled for that platform.
- C)It can run on any platform that has the Java Runtime Environment.
- D)It can run on any platform that has a Java compiler.
- E)It can run on any platform only if that platform has both the Java Runtime Environment and a Java compiler.

答案:C

解析:

53. [单选题]Given:

```
Public class MarkList {  
    int num;  
    public static void graceMarks (MarkList obj4) {  
        obj4.num += 10;  
    }  
    public static void main (String[] args) {
```



```
MarkList obj1 = new MarkList();
MarkList obj2 = obj1;
MarkList obj3 = null;
Obj2.num = 60;
graceMarks(obj2);
}
}
```

How many MarkList instances are created in memory at runtime?

- A) 1
- B) 2
- C) 3
- D) 4

答案:A

解析:

54. [单选题]Given:

```
Public class Triangle {
Static double area;int b = 2, h= 3;
Public static void main (string[] args){
Double p,
B, h;//line n1
If (area == 0){
B=3;
H = 4;
P= 0.5;
}
Area= p * b * h;//line n2
System. out . println ("Area is " +area);
}
```

What is the result?

- A)Area is 6.0
- B)Area is 3.0
- C)Compilation fails at line 1
- D)Compilation fails at line 2

答案:D

解析:

55. [单选题]Given:

```
Public class APP {
public static void mian(String[]args) {
Boolean[] bool = new Boolean[2];
bool[0] = new Boolean(Boolean.parseBoolean("true"));
bool[1] = new Boolean(null);
System.out.println(bool[0]+" "+bool[1]);
}
}
```

What is the result?

- A>true false
- B>true null
- C)Compilation fails
- D)A NullPointerException is thrown at runtime

答案:A

解析:

56. [单选题] Given the following code for the classes MyException and Test:

```
Public class MyException extends RuntimeException{ }
Public class Test {
Public static void main(String[] args) {
Try {
Method1();
}
Catch (MyException ne) {
System.out.print("A");
}
}
Public static void method1() { //line n1
Try {
Throw Math.random() > 0.5 ? new MyException() : new RuntimeException();
}
Catch (RuntimeException re) {
System.out.print("B");
}
}
}
```

What is the result?

- A) A
- B) B
- C) Either A or B
- D) A B
- E) A compile time error occurs at line n1

答案:B

解析:

57. [单选题] Given----

```
Public class App {
String myStr = "9009";
public void dostuff(string str) {
int myNum = 0;
try {
String mystr = str;
myNum = Integer.parseInt (myStr) ;
} catch (NumberFormatException ne) {
System.err.println ( "Error");
}
System.out.println ("mystr: "+ myStr + ", myNum: " + myNum);
}
public static void main (String [] args) {
App obj = new App();
obj.doStuff("7007");
}
}
```

What is the result?

- A)Error
- B)myStr: 7007,myNum:7007
- C)myStr: 9009,myNum: 7007
- D)myStr: 7007,myNum: 9009

答案:C

解析:

58. [单选题]Given the code fragment:

```
Int nums1[]=new int[3];
Int nums2[]={1,2,3,4,5};
Nums1 =nums2;
For (int x : nums1){
System.out. print(x+":");
}
```

What is the result?

- A)1:2:3:4:5:
- B)1:2:3:
- C)Compilation fails.
- D)An ArrayoutofBoundsException is thrown at runtime.

答案:A

解析:

59. [单选题]Given:

```
Public class Product {
Int id;
String name;
Public Product (int id, string name){
This.id = id;
This.name = name;
}
}
```

And given the code fragment:

```
4\ Product p1 = new Product (101,"Pen");
5\Product p2 = new Product (101,"Pen");
6\Product p3 = p1;
7\ boolean ans1 = p1 ==p2;
8\boolean ans2 = p1.name.equals (p2.name);
9\ system . out. print (ans1 +":"+ ans2);
```

What is the result?

- A>true:true
- B>true:false
- C>false:true
- D>false:false

答案:C

解析:

60. [单选题]Which one of the following code examples uses valid Java syntax?

- A)Option A
- B)Option B
- C)Option C
- D)Option D

A.

```
public class Boat {  
  
    public static void main (String [] args) {  
        System.out.println ("I float.");  
    }  
}
```

B.

```
public class Cake {  
    public static void main (String [] ) {  
        System.out.println ("Chocolate");  
    }  
}
```

C.

```
public class Dog {  
    public void main (String [] args) {  
        System.out.println ("Squirrel.");  
    }  
}
```

D.

```
public class Bank {  
    public static void main (String () args) {  
        System.out.println ("Earn interest.");  
    }  
}
```

答案:A

解析:

61. [单选题] Given the code fragment:

```
int n [] [] = { { 1,3}, {2,4}};  
for (int i = n.length-1; i >= 0; i--){  
    for (int y : n[i]){  
        System.out.print (y);  
    }  
}
```

What is the result?

A) 1324

B) 2413

C) 3142

D) 4231

答案:B

解析:

62. [单选题]Given:

```
class Caller {  
    private void init () {  
        System.out.println("Initialized");  
    }  
  
    private void start () {  
        init();  
        System.out.println("Started");  
    }  
}
```

```
public class TestCall {  
    public static void main(String[] args) {  
        Caller c = new Caller();  
        c.start();  
        c.init();  
    }  
}
```

```
public class TestCall {  
    public static void main(String[] args) {  
        Caller c = new Caller();  
        c.start();  
        c.init();  
    }  
}
```

What is the result?

- A) An exception is thrown at runtime.
- B) InitializedStartedInitialized
- C) InitializedStarted
- D) Compilation fails.

答案:D

解析:

63. [单选题]Given the code fragment:

```
Public static void main(String[] args) {  
    Try {  
        Int num = 10;  
        Int div = 0;
```

```
Int ans = nim / div;
} catch (ArithmeticException ae) {
Ans = 0 //line n1
} catch (Exception e) {
System.out.println("Invalid calculation");
}
System.out.println("答案: = " + ans); //line n2
}
```

What is the result?

- A) 答案: = 0
- B) Invalid calculation
- C) Compilation fails only atline n1.
- D) Compilation fails only atline n2.
- E) Compilation fails only at line n1 and line2.

答案:E

解析:

64. [单选题]Given:

```
Public class MyField {
Int x;
Int y;
Public void doStuff(int x, int y) {
This.x = x;
Y = this.y;
}
Public void display () {
System.out.print(x + ""+ y + " : ");
}
Public static void main(String[] args) {
MyField m1 = new MyField();
M1.x = 100;
M1.y = 200;
MyField m2 = new MyField();
M2.doStuff(m1.x, m1.y);
M1.display();
M2.display();
}
}
```

What is the result?

- A) 100 0 : 100 200 :
- B) 100 0 : 100 0 :
- C) 100 200 : 100 200 :
- D) 100 200 : 100 0 :

答案:D

解析:

65. [单选题]Given:

```
Public class Vowel {
Private char var;
Public static void main(String[] args) {
Char var1 = 'a';
```

```
Char var2 = var1;
Var2 = 'e';
Vowel obj1 = new Vowel ();
Vowel obj2 = obj1;
Obj1.var = 'i';
Obj2.var = 'o';
System.out.println(var1 + "," +var2);
System.out.print(obj1.var + "," +obj2.var);
}
}
```

What is the result?

- A)E,e i,o
- B)A,e i,o
- C)A,e o,o
- D)E,e o,o

答案:C

解析:

66. [单选题]Given the code fragment:

```
If(aVal++ < 10) {
System.out.println(aVal + " Hello Universe!");
}else {
System.out.println(aVal + " Hello Word!");
}
```

What is the result if the integer aVar is 9?

- A)Compilation fails.
- B)10 Hello Universe!
- C)10 Hello World!
- D)9 Hello World!

答案:B

解析:

67. [单选题]Given:

```
Public class MyClass {
Public static void main(String[] args) {
String s = "Java Duke";
Int len = s.trim().length();
System.out.print(len);
}
}
```

What is the result?

- A)Compilation fails.
- B)11
- C)8
- D)9
- E)10

答案:D

解析:

68. [单选题]Given:

```
Public class Test {
```

```
Public static void main(String[] args) {  
Boolean a = new Boolean(Boolean.valueOf (args[0]));  
Boolean b = new Boolean(args[1]);  
System.out.println(a + " "+ b);  
}  
}
```

And given the commands: javac Test.java

Java Test TRUE null

What is the result?

- A) TRUE null
- B) true false
- C) false false
- D) true true
- E) AClassCastException is thrown at runtime.

答案: B

解析:

69. [单选题] Given the code fragments: ----

Which modification enables the code to compile?

- A) Replace line n1 with: import p1.A; Replace line n2 with: import p1.A; import p1.p2.B;
- B) Replace line n1 with: import p1; Replace line n2 with: import p1; import p1.p2;
- C) Replace line n1 with: import p1.A; Replace line n2 with: import p1.\*;
- D) Replace line n1 with: import p1.\*; Replace line n2 with: import p1.p2.\*;

答案: A

解析:

70. [单选题] Which statement will empty the contents of a StringBuilder variable named sb? ----

- A) sb. deleteAll ();
- B) sb. delete (0, sb. size () );
- C) sb. delete (0, sb. length () );
- D) sb. removeAll ();

答案: C

解析:

71. [单选题] CORRECT TEXT ---

```
String stuff = "TV";  
String res = null;  
If (stuff.equals ("TV")) {  
Res = "Walter";  
} else if (stuff.equals ("Movie")) {  
Res = "White";  
} else {  
Res = "No Result";  
}  
}
```

Which code fragment can replace the if block?

- A) stuff.equals ("TV")?res="Walter":stuff.equals ("Movie")?res="White":res="No Result";
- B) res = stuff.equals ("TV")? "Walter" else stuff. equals ("Movie")? "White" : "No Result";
- C) res = stuff.equals ("TV")? stuff.equals ("Movie")? "Walter" : "White" : "No Result";
- D) res = stuff.equals ("TV")? "Walter" : stuff. equals ("Movie")? "White" : "No Result";

答案: D

解析:



A.java:

```
package p1;
public class A {
}
```

B.java:

```
package p1.p2;
//line n1
public class B {
    public void doStuff() {
        A b = new A ();
    }
}
```

C.java:

```
package p3;
//line n2
public class C {
    public static void main(String[] args) {
        A o1 = new A();
        B o2 = new B();
    }
}
```

72. [单选题] Given-----

```
Class Patient {
String name;
public Patient (String name) {
this. name = name ;
}
}
```

And the code fragment:

Which code fragment, when inserted at line 14, enables the code to print Mike Found?

- A) int f = ps.indexOf (p2)
- B) int f = ps.indexOf (Patient ( "Mike" ) );
- C) int f = ps.indexOf (new Patient ( "Mike" ) );
- D) Patient p = new Patient ( "Mike" ); Int f = ps.indexOf (p)

答案:A

解析:

```
8. public class Test {
9.     public static void main (String [] args) {
10.         List ps = new ArrayList ();
11.         Patient p2 = new Patient ("Mike);
12.         ps.add(p2);
13.
14.         // insert code here
15.
16.         if (f >= 0) {
17.             System.out.print ("Mike Found");
18.         }
19.     }
20. }
```

73. [单选题] Which statement is true about the switch statement?

- A) The break statement, at the end of each case block, is optional.
- B) Its expression can evaluate to a collection of values..
- C) Its case label literals can be changed at runtime.
- D) It must contain the default section.

答案:A

解析:

74. [单选题] Given the code fragment---

```
Public static void main(String[] args){
String name[]={ "Thomas", " Peter", " Joseph" };
String pwd[]=new String[3];
Int idx=0;
Try{
For (String n:names){
Pwd[idx]=n.substring(2, 6);
```

```
System.out.println(pwd[idx]);  
idx++;  
}  
}  
Catch(Exception e){  
System.out.println("Invalid Name");  
}  
}
```

What is the result?

A) Invalid Name

B) omas

Invalid Name

C) omas

Ter

Seph

D) omas

Invalid Name

Null

答案:B

解析:

75. [单选题] Given the code fragment:

Given the code fragment:

```
Class Employee{  
private string name;  
private int age;  
private int salary;  
public Employee (string name, int age) {  
setName (name) ;  
setAge (age) ;  
setSalary (2000) ;  
}  
public Employee (String name, int age, int salary) {  
this (name, age) ;  
setsalary (salary) ;  
}  
//getter and setter methods for attributes go here  
Public void printDetails() {  
System.out.println(name + " : "+ age + " : "+ salary);  
}  
}
```

Test.java:

```
Class Test {  
Public static void main (String[] args) {  
Employee e1 = new Employee ();  
Employee e2 = new Employee("Jack", 50);  
Employee e3 = new Employee("Chloe", 40, 5000);  
e1. printDetails();  
e2. printDetails();  
e3. printDetails();  
}
```

}

What is the result?

A)Compilation fails in the Employee class.

B)null:0:0

Jack:50:2000

Chloe : 40 : 5000

C)Compilation fails in the Test class.

D)null:0:0

Jack:50:0

Chloe : 40 : 5000

E)Both the Employee class and the rest class fail to compile.

答案:C

解析:

76. [单选题]Given the code fragments:

A)Replace line n1 with:import p1.\*;Replace line n2 with:import p1. p2.\*;

B)Replace line n1 with:import p1. A;Replace line n2 with:import p1.\*;

C)Replace line n1 with:import p1. A;Replace line n2 with:import p1. A;import p1. p2.B ;

D)Replace line n1 with:import p1;Replace line n2 with:import p1;import p1. p2;

答案:C

解析:

77. [单选题]Given:

Given:

```
Class A{
```

```
public void test() {
```

```
System.out.println("A");
```

```
}
```

```
}
```

```
Class B extends A{
```

```
public void test() {
```

```
System.out.println("B");
```

```
}
```

```
}
```

```
Public class C extends A{
```

```
public void test() {
```

```
System.out.println("C");
```

```
}
```

```
public static void main(String[] args){
```

```
A b1=new A();
```

```
A b2=new C();
```

```
b1=(A)b2; //line n1
```

```
A b3=(B)b2; //line n2
```

```
b1.test();
```

```
b3.test();
```

```
}
```

```
}
```

What is the result?

A)A ClassCastException is thrown only at line n2.

B)A

C

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