Q1: Which is false?

* String is an immutable objects in java
* String is a mutable objects in java
* String is a group of characters enclosing inside double coate’s
* String is an api class in java

Ans: b

Q2: String objects are created inside?

* Heap area
* Data area
* String constant pool memory
* Stack area

Ans: a

Q3: Which is true?

* Inside string constant pool all string objects having unique state
* Inside string constant pool string objects may have duplicate state
* Inside heap area string objects may have duplicate state
* Inside heap area all string objects having unique state

:A

Q4: How many way of creating string objects?

* Using new keyword
* Using double coate’s
* Using newInstance() method of java.lang.Class class
* Using forName() method of java.lang.Class class

:A and B

Q5: How many way of comparing string objects?

* Using == operator
* Using != operator
* Using equals() method
* Using equalsIgnoreCase() method
* Using >= operator

:A,C,D

Q6: == operator will compares

* Addresses of two string objects
* Contents of two string objects
* State of two string objects
* Identity of two string objects

:identity of two string objects

Q7: equals() method will compares

* Addresses of two string objects
* Contents of two string objects
* State of two string objects
* Identity of two string objects

:state of two string objects

Q8: equalsIgnoreCase() method will compares state/contents of two string objects in case insensitive manors

* True
* False

:true

Q9: equals () method will compares state/contents of two string objects in case insensitive manors

* True
* False

:false

Q10: String class hashCode() method will returns

* Jvm created hash code address
* String class generated hash code addres

:jvm created hashcode

Q11: Is it possible to create our own immutable class?

* Yes
* No

:yes

Q12: If any operand is string then + operator will performs?

* Addition
* Concatenation

:concatention

Q13: What is output?

class Sample{

public static void main(String[] args){

String s1="ABC";

String s2=s1;

s1=s1+"XYZ";

System.out.println(s1==s2);

System.out.println(s1);

System.out.println(s2);

}

}

:false

ABCXYZ

ABC

Q14: What is output?

class Sample{

public static void main(String[] args){

System.out.println("ABC"+"XYZ");

}

}

:ABCXYZ

Q15: What is output

class Sample{

public static void main(String[] args){

System.out.println("ABC"+10);

System.out.println(10+"ABC");

}

}

:ABC10

10ABC

Q16: What is output?

class Sample{

public static void main(String[] args){

System.out.println("ABC"+2.5);

System.out.println("ABC"+true);

System.out.println("ABC"+'X');

System.out.println(10+20+"ABC"+30+40);

}

}

:ABC2.5

ABCtrue

ABCX

30ABC3040

Q17: What is output?

class Sample {

public static void main(String[] args) {

String s1=new String("ABC");

String s2=new String("ABC");

String s3="ABC";

String s4="ABC";

System.out.println(s1==s2);

System.out.println(s3==s4);

System.out.println(s1==s3);

}

}

:

false

true

false

Q18: What is output?

class Sample {

public static void main(String[] args) {

String s1=new String("abc");

String s2=s1.toUpperCase();

System.out.println(s1==s2);

System.out.println(s1);

System.out.println(s2);}

}

:false

abc

ABC

Q19: What is output?

class Sample {

static String s1="ABC";

static String s2="ABC";

String s3="ABC";

String s4="ABC";

public static void main(String[] args) {

String s5="ABC";

String s6="ABC";

Sample s=new Sample();

System.out.println(s1==s2);

System.out.println(s.s3==s.s4);

System.out.println(s5==s6);

System.out.println(s1==s.s3);

System.out.println(s1==s5);

System.out.println(s5==s.s3);

}

}

:true

true

true

true

true

true

Q20: What is output?

class Point{

static String s3="ABC";

String s4="ABC";

}

class Sample {

static String s1="ABC";

String s2="ABC";

public static void main(String[] args) {

Sample s=new Sample();

Point p=new Point();

String s5="ABC";

System.out.println(s1==Point.s3);

System.out.println(s1==p.s4);

System.out.println(s.s2==Point.s3);

System.out.println(s.s2==p.s4);

System.out.println(s5==Point.s3);

System.out.println(s5==p.s4);

}

}

:true

true

true

true

true

true

Q21: What is output?

class Sample{

static void m1(String s)

{

System.out.println("ABC".equals(s));

System.out.println(s.equals("ABC"));

}

public static void main(String[] args){

m1("ABC");

m1(null);

}

}

:true

true

false

Q22: What is output?

class Point{

}

class Demo{

public String toString(){

return "Demo";

}

}

class Sample{

public static void main(String[] args){

Point p=new Point();

Demo d=new Demo();

System.out.println(p);

System.out.println(p.toString());

System.out.println(d);

System.out.println(d.toString());

}

}

:**Point@7a81197d**

**Point@7a81197d**

**Demo**

**Demo**

Q23: What is output?

class Point{

}

class Demo{

public String toString(){

return "Demo";

}

}

class Sample{

public static void main(String[] args){

Point p=new Point();

Demo d=new Demo();

String s1="ABC"+p;

String s2="ABC"+d;

System.out.println(p);

System.out.println(d);

System.out.println(s1);

System.out.println(s2);

}

}

:Point@23fc625e

Demo

ABCPoint@23fc625e

ABCDemo

Q24: What is output?

class Emp{

int id=10;

String name="RAJU";

float salary=1000;

}

class Sample{

public static void main(String[] args){

Emp e=new Emp();

System.out.println(e);

System.out.println(e.id);

System.out.println(e.name);

System.out.println(e.salary);

}

}

:Emp@36baf30c

10

RAJU

1000.0

Q25: What is output?

class Emp{

int id=10;

String name="RAJU";

float salary=1000;

public String toString(){

return id+","+name+","+salary;

}

}

class Sample{

public static void main(String[] args){

Emp e=new Emp();

System.out.println(e);

}

}

:10,RAJU,1000.0

Q26: What is output?

class Point{

int x=10;

int y=20;

public String toString(){

return x+","+y;

}

}

class Sample{

public static void main(String[] args){

Point p=new Point();

System.out.println(p);

}

}

:10,20

Q27: What is output?

class Sample{

public static void main(String[] args){

String s1="ABC";

String s2="ABC";

System.out.println(s1.hashCode());

System.out.println(s2.hashCode());

System.out.println(System.identityHashCode(s1));

System.out.println(System.identityHashCode(s2));

}

}

Ans:64578

64578

1175962212

1175962212

Q28: What is output?

class Sample{

public static void main(String[] args){

String s1=new String("ABC");

String s2=new String("ABC");

System.out.println(s1.hashCode());

System.out.println(s2.hashCode());

}

}

Ans:64578

64578

Q29: What is output?

class A{

}

class B{

public int hashCode(){

return 10;

}

}

class Sample{

public static void main(String[] args){

A a=new A();

B b=new B();

System.out.println(a.hashCode());

System.out.println(System.identityHashCode(a));

System.out.println(b.hashCode());

System.out.println(System.identityHashCode(b));

}}

:2055281021

2055281021

10

1554547125

Q30: What is output?

class Sample{

public static void main(String[] args){

String s1=new String("ABC");

String s2=new String("ABC");

System.out.println(s1.hashCode());

System.out.println(s2.hashCode());

System.out.println(System.identityHashCode(s1));

System.out.println(System.identityHashCode(s2));

}

}

Ans:64578

64578

1175962212

918221580

Q31: What is output?

class Numeric{

int value;

public Numeric(int no){

value=no;

}

public String toString(){

return value+"";

}

public int hashCode(){

return value;

}

}

class Sample{

public static void main(String[] args){

Numeric n1=new Numeric(10);

Numeric n2=new Numeric(10);

Numeric n3=new Numeric(20);

System.out.println(n1);

System.out.println(n2);

System.out.println(n3);

System.out.println(n1.hashCode());

System.out.println(System.identityHashCode(n1));

System.out.println(n2.hashCode());

System.out.println(System.identityHashCode(n2));

System.out.println(n3.hashCode());

System.out.println(System.identityHashCode(n3));

}

}

Ans:10

10

20

10

1421795058

10

1555009629

20

41359092

q32: What will happen when you attempt to compile and run the following code?

public class StrEq{

public static void main(String argv[]){

StrEq s = new StrEq();

}

private StrEq(){

String s = "Marcus";

String s2 = new String("Marcus");

if(s == s2)

System.out.println("we have a match");

else

System.out.println("Not equal");

}

}

a. Compile time error caused by private constructor

b. Output of "we have a match"

c. Output of "Not equal"

d. Compile time error by attempting to compare strings

using ==

Ans: C

Q33: class Jcp131{

public static void main(String[] args) {

String s1=”ABC”;

String s2=”ABC”;

System.out.println("Hello World!"+s1==s2);

System.out.println("Hello World!"+s1.equals(s2));

}

}

Ans: false

Hello World!true

Q34:class Sample{

static Object o="ABC";

public static void main(String[] args){

String s = "ABC";

System.out.println(s.equals("ABC"));

System.out.println(s.equals("ABC"));

System.out.println(o.equals(s));

}

}

Ans:true

true

true

Q35.class Sample{

public static void main(String[] args){

char c='a';

String s="hai";

s+=c;

System.out.println(s);

}

}

:haia

36.public class Jcp364{

public static void main(String[] args) {

System.out.println(“ABC \u0041 PQR);

}

}

: cerror

Q37:class Jcp428 {

public static void main(String[] args) {

Object o=new Object();

String str="hai";

str=o+str;

System.out.println(str);

int i=10;

String str1="hello";

str1=i+str1;

str1+=i;

System.out.println(str1);

}

}

Ans:java.lang.Object@30f39991hai

10hello10

Q38: public class Sample{

public static void main(String [ ] args){

String s = null ;

System.out.println (s+null);

System.out.println (s+10) ;

}

}

Ans: nullnull

null10

Q39:public class Sample{

public static void main(String [ ] args){

String s1 = new String (null) ;

String s2 = new String (null) ;

System.out.println (s1+s2) ;

}

}

Ans: cerror

Q40:public class Sample{

public static void main(String [ ] args){

String s1 = null;

String s2 = null;

System.out.println (s1+s2) ;

}

}

Ans: nullnull

Q41: class StringOperations {

public static void main(String[] args) {

String s1 = new String("abc");

String s2 = new String("abc");

String s3 = new String("Abc");

System.out.println(s1 == s2);

System.out.println(s1.equals(s2));

System.out.println(s2 == s3);

System.out.println(s2.equals(s3));

}

}

Ans: false

true

false

false

Q42.class StringOperations {

public static void main(String[] args) {

String s4 = new String("a");

String s5 = new String("A");

System.out.println(s4.equals(s5));

System.out.println(s4.equalsIgnoreCase(s5));

}

}

Ans: FALSE TRUE

Q43.class StringOperations {

public static void main(String[] args) {

System.out.println("" + 10 + 20);

System.out.println("" + "10" + 20);

System.out.println("10" + 20);

System.out.println("10" + "20");

System.out.println("1020");

}

}

Ans: 1020

1020

1020

1020

1020

Q44.class StringPooling {

public static void main(String[] args) {

String s5 = "ab";

String s6 = "a" + "b";

String s7 = "a";

String s8 = s7 + "b";

System.out.println(s5 == s6);

System.out.println(s6 == s8);

}

}

: TRUE FALSE

Q45: Given the following declarations

String s1=new String("Hello")

String s2=new String("there");

String s3=new String();

Which of the following are legal operations?

a. s3=s1 + s2;

b. s3=s1-s2;

c. s3=s1 & s2;

d. s3=s1 && s2

Ans:A

Q46: What will be the result when you attempt to compile and run the following code?.

public class Conv{

public static void main(String argv[]){

Conv c=new Conv();

String s=new String("ello");

c.amethod(s);

}

public void amethod(String s){

char c='H';

c+=s;

System.out.println(c);

}

}

a. Compilation and output the string "Hello"

b. Compilation and output the string "ello"

c. Compilation and output the string elloH

d. Compile time error

Ans:D

Q47: Given the following code, what test would you need to put in place of the comment line?

To result in an output of the string

Equal

public class EqTest{

public static void main(String argv[]){

EqTest e=new EqTest();

}

EqTest(){

String s="Java";

String s2="java";

//place test here {

System.out.println("Equal");

}else{

System.out.println("Not equal");

}

}

}

a. if(s==s2)

b. if(s.equals(s2)

c. if(s.equalsIgnoreCase(s2))

d. if(s.noCaseMatch(s2))

:C

Q48. class Sample {

public static void main(String[] args) {

int a = 30;

int b = 40;

int c = a + b;

System.out.println("The addition of " + a +" and " + b

+ " is " + c);

}

}

write the correct output.

Ans: the addition of a and b is 70

Q49. class Sample {

public static void main(String[] args) {

System.out.println(""+10 + 20);

System.out.println(10 + ""+ 20);

System.out.println(10 + 20 +"");

System.out.println(30 +"");

System.out.println("30" +"");

System.out.println("30");

}

}

:1020

1020

30

30

30

30