1

What does the zeroth element of the string array passed to the standard main method contain?

Select 1 correct option.

a The name of the class.

b The string "java".

c The number of arguments.

d The first argument of the argument list, if present.

e None of the above.

ANS : D

2.

What will be the result of attempting to compile and run the following code?

public class InitClass

{

public static void main(String args[ ] )

{

InitClass obj = new InitClass(5);

}

int m;

static int i1 = 5;

static int i2 ;

int j = 100;

int x;

public InitClass(int m)

{

System.out.println(i1 + " " + i2 + " " + x + " " + j + " " + m);

}

{ j = 30; i2 = 40; }

static { i1++; }

}

Select 1 correct option.

a The code will fail to compile, since the instance initializer tries to assign a value to a static member.

b The code will fail to compile, since the member variable x will be uninitialized when it is used.

c The code will compile without error and will print 6, 40, 0, 30, 5 when run.

d The code will compile without error and will print 5, 0, 0, 100, 5 when run.

e The code will compile without error and will print 5, 40, 0, 30, 0 when run.

ANS : C

3.

Consider the following class:

public class ArgsPrinter

{

public static void main(String args)

{

for(int i=0; i<3; i++)

{

System.out.println(args);

}

}

}

What will be printed when the above class is run using the following command line:

java ArgsPrinter 1 2 3 4

Select 1 correct option.

a 1 2 3

b ArgsPrinter 1 2

c java ArgsPrinter 1 2

d 1 1 1

e None of these.

ANS : E

4.

Consider the following class...

What will happen when you attempt to compile and run the program?

class TestFrame

{

String s="Message";

public static void main(String args[])

{

System.out.println("Message is " +s);

}

}

Select 1 correct option.

a It will not compile.

b It will compile but not show anything when run.

c It will compile and print “Message”.

d None of the above.

Ans: a

5.

Consider the following code in TestClass.java file:

package p;

private class TC

{

public TC()

{

super(100);

System.out.println("TC created");

}

}

public class TestClass extends TC

{

public TC()

{

System.out.println("TestClass created");

}

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

}

What will be the output when TestClass is run?

Select 1 correct option.

a "TestClass created" as well as "TC created".

b It will not compile

c Only "TestClass created" will be printed.

d Only "TC created" will be printed.

e None of these.

Ans: b

6.

Consider the following code:

class Super { static String ID = "QBANK"; }

class Sub extends Super

{

static { System.out.print("In Sub"); }

}

class Test

{

public static void main(String[] args)

{

System.out.println(Sub.ID);

}

}

What will be the output when class Test is run ?

Select 1 correct option.

a It will print 'In Sub' and 'QBANK'.

b It will print 'QBANK'.

c Depends on the implementation of JVM.

d It will not even compile.

e None of the above.

Ans: b

7.

What will be the result of attempting to compile the following program?

public class TestClass

{

long l1;

public void TestClass(long pLong) {l1 = pLong ; } //(1)

public static void main(String args[])

{

TestClass a, b ;

a = new TestClass(); //(2)

b = new TestClass(5); //(3)

}

}

a A compilation error will be encountered at (1), since constructors should not specify a return value.

b A compilation error will be encountered at (2), since the class does not have a default constructor.

c A compilation error will be encountered at (3).

d The program will compile correctly.

e It will not compile because parameter type of the constructor is different than the type of value passed to it.

Ans: c

8.

Carefully examine the following code.

public class StaticTest

{

static

{

System.out.println("In static");

}

{

System.out.println("In non - static");

}

public static void main(String args[ ])

{

StaticTest st1; //1

System.out.println(" 1 ");

st1 = new StaticTest(); //2

System.out.println(" 2 ");

StaticTest st2 = new StaticTest(); //3

}

}

What will be the output?

Select 1 correct option.

a In static, 1, In non - static, 2, In non - static : in that order.

The static block will be executed only once when the class is loaded. A class is loaded when it is first referenced at line 1.

b Compilation error.

c 1, In static, In non - static, 2, In non - static : in that order.

d In static, 1, In non - static, 2, In non - static : in unknown order.

e None of the above.

Ans; a

9.

The following code snippet will print 'true'.

short s = Short.MAX\_VALUE;

char c = s;

System.out.println( c == Short.MAX\_VALUE);

Select 1 correct option.

a True

b False

ans: b

10.

Consider the following code:

Float f1 = new Float(Float.NaN);

Float f2 = new Float(Float.NaN);

System.out.println( ""+ (f1 == f2)+" "+f1.equals(f2)+ " "+(Float.NaN == Float.NaN) );

What will it print ?

Select 1 correct option.

a It will print false true false

b It will print false true true

c It will print false false false

d It will print true true false

e It will print true true true

ans: a

11.

Which of the following statements regarding 'break' and 'continue' are true?

Select 1 correct option.

a break without a label, can occur only in a switch, while, do, or for statement.

b continue without a label, can occur only in a switch, while, do, or for statement.

It cannot occur in a switch.

c break can never occur without a label.

d continue can never occur WITH a label.

e None of the above.

Ans: a

12.

Consider the following code:

interface I

{

int i = 1, ii = Test.out("ii", 2);

}

interface J extends I

{

int j = Test.out("j", 3), jj = Test.out("jj", 4);

}

interface K extends J

{

int k = Test.out("k", 5);

}

class Test

{

public static void main(String[] args) { System.out.println(K.j); }

public static int out(String s, int i)

{

System.out.println(s + "=" + i);

return i;

}

}

What will be the output when class Test is run ?

Select 1 correct option.

a It will print ii=2, j = 3, jj=4, k=5 and then 3.

b It will print j = 3, jj=4 and then 3.

c It will print j=3 and then 3.

d It will not even compile.

e None of the above.

Ans: b

13.

Which of the following are valid escape sequences ?

Select 4 correct options

a \b

b \t

c \f

d \r

e \x

ans: a,b,c,d

14.

Given:

String mStr = "123";

long m = // 1

Which of the following options when put at //1 will assign 123 to m?

Select 2 correct options

a new Long(mStr);

Long object cannot be assigned to a long primitive.

b Long.parseLong(mStr);

c Long.longValue(mStr);

longValue() is an instance method of Long that returns the long value wrapped by the Long object.

d (new Long()).parseLong(mStr);

Long (or any wrapper class) does not have a no-args constructor, so new Long() is invalid.

e Long.valueOf(mStr).longValue();

Long.valueOf(mStr) returns a Long object containing 123. longValue() on the Long object returns 123.

Ans: b, e

15.

What will the following program print when run?

import java.util .\*;

public class TestClass

{

public static void main(String args[])

{

Stack s1 = new Stack ();

Stack s2 = new Stack ();

processStacks (s1,s2);

System.out.println (s1 + " "+ s2);

}

public static void processStacks(Stack x1, Stack x2)

{

x1.push (new Integer ("100"));

x2 = x1;

}

}

Select 1 correct option.

a [100] [100]

b [100] []

c [] [100]

d [] []

e None of the above.

Ans: b