01. QID **-** 2.1120

What will the following program snippet print**?**

int i**=**0**,** j**=**11**;**

**do{**

**if(**i **>** j**)** **{** **break;** **}**

j**--;**

**}while(** **++**i **<** 5**);**

System**.**out**.**println**(**i**+**" "**+**j**);**

Select 1 option

A**.** 5 5

B**.** 5 6

C**.** 6 6

D**.** 6 5

E**.** 4 5

Check Answer

02. QID **-** 2.1122

Note**:** This question may be considered too advanced **for** **this** exam**.** What will the

code shown below print when compiled and run with the following command line**?**

java WarZone self

interface XMen **{**

void shoot**(**String a**);**

**}**

public class WarZone **{**

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

XMen x **=** **null;**

**if(**args**.**length**()** **>** 0**){**

x **=** **new** XMen**(){**

public void shoot**(**String s**){**

**for(**int i**=**0**;** i**<**s**.**length**;** i**++){**

System**.**out**.**println**(**"shot : "**+**s**.**charAt**(**i**));**

**}**

**}**

**};**

**}**

**if(**x **!=** **null){**

x**.**shoot**(**args**[**0**]);**

**}**

**}**

**}**

Select 1 option

A**.** It will not compile because interface XMen cannot be instantiated**.**

B**.** It will print shot **:** 4 times**,** one at each line**.**

C**.** It will print " shot : s "**,** " shot : e "**,** " shot : l "**,** " shot : f " one by one on 4

lines**.**

D**.** It will compile but will **throw** an exception at runtime**.**

E**.** None of these options is correct**.**

Check Answer

03. QID **-** 2.1018

Note**:** This question may be considered too advanced **for** **this** exam**.** Given**:**

class MySuper**{**

public MySuper**(**int i**){** **}**

**}**

abstract class MySub **extends** MySuper**{**

public MySub**(**int i**){** **super(**i**);** **}**

public abstract void m1**();**

**}**

class MyTest**{**

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

MySub ms **=** **new** MySub**(){**

public void m1**()** **{** System**.**out**.**println**(**"In MySub.m1()"**);** **}**

**};**

ms**.**m1**();**

**}**

**}**

What will be the output when the above code is compiled and run**?**

Select 1 option

A**.** It will not compile**.**

B**.** It will **throw** an exception at run time**.**

C**.** It will print In MySub**.**m1**()**

D**.** It will compile and run without any exception but will not print anything**.**

Check Answer

04. QID **-** 2.1003

Given the following code**,** which statements are **true?**

interface Automobile **{** String describe**();** **}**

class FourWheeler **implements** Automobile**{**

String name**;**

public String describe**(){** **return** " 4 Wheeler " **+** name**;** **}**

**}**

class TwoWheeler **extends** FourWheeler**{**

String name**;**

public String describe**(){** **return** " 2 Wheeler " **+** name**;** **}**

**}**

Select 3 options

A**.** An instance of TwoWheeler is also an instance of FourWheeler **.**

B**.** An instance of TwoWheeler is a valid instance of Automobile **.**

C**.** The use of inheritance is not justified here because a TwoWheeler is not really a

FourWheeler **.**

D**.** The code will compile only **if** name is removed from TwoWheeler **.**

E**.** The code will fail to compile**.**

Check Answer

05. QID **-** 2.1252

What will be the output when the following program is run**?**

public class TestClass**{**

char c**;**

public void m1**(){**

char**[** **]** cA **=** **{** 'a' **,** 'b'**};**

m2**(**c**,** cA**);**

System**.**out**.**println**(** **(** **(**int**)**c**)** **+** ", " **+** cA**[**1**]** **);**

**}**

public void m2**(**char c**,** char**[** **]** cA**){**

c **=** 'b'**;**

cA**[**1**]** **=** cA**[**0**]** **=** 'm'**;**

**}**

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

**new** TestClass**().**m1**();**

**}**

**}**

Select 1 option

A**.** Compile time error**.**

B**.** **,** m

C**.** 0 **,** m

D**.** b **,** b

E**.** b **,** m

Check Answer

06. QID **-** 2.1106

Is it possible to create arrays of length zero**?**

Select 1 option

A**.** Yes**,** you can create arrays of any type with length zero**.**

B**.** Yes**,** but only **for** primitive datatypes**.**

C**.** Yes**,** but only **for** arrays of object references**.**

D**.** Yes**,** and it is same as a **null** Array**.**

E**.** No**,** arrays of length zero **do** not exist in Java**.**

Check Answer

07. QID **-** 2.1260

What will be the output of the following class**...**

class Test**{**

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

int j **=** 1**;**

**try{**

int i **=** doIt**()** **/** **(**j **=** 2**);**

**}** **catch** **(**Exception e**){**

System**.**out**.**println**(**" j = " **+** j**);**

**}**

**}**

public static int doIt**()** **throws** Exception **{** **throw** **new** Exception**(**"FORGET IT"**);** **}**

**}**

Select 1 option

A**.** It will print j **=** 1**;**

B**.** It will print j **=** 2**;**

C**.** The value of j cannot be determined**.**

D**.** It will not compile**.**

E**.** None of the above**.**

Check Answer

08. QID **-** 2.1353

Which of the lines will cause a compile time error in the following program**?**

public class MyClass**{**

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

char c**;**

int i**;**

c **=** 'a'**;**//1

i **=** c**;** //2

i**++;** //3

c **=** i**;** //4

c**++;** //5

**}**

**}**

Select 1 option

A**.** line 1

B**.** line 2

C**.** line 3

D**.** line 4

E**.** line 5

Check Answer

09. QID **-** 2.1097

What will be the output of the following program**?**

class TestClass**{**

public static void main**(**String**[]** args**)** **throws** Exception**{**

**try{**

amethod**();**

System**.**out**.**println**(**"try"**);**

**}**

**catch(**Exception e**){**

System**.**out**.**println**(**"catch"**);**

**}**

**finally** **{**

System**.**out**.**println**(**"finally"**);**

**}**

System**.**out**.**println**(**"out"**);**

**}**

public static void amethod**(){** **}**

**}**

Select 1 option

A**.** **try** **finally**

B**.** **try** **finally** out

C**.** **try** out

D**.** **catch** **finally** out

E**.** It will not compile because amethod**()** does not **throw** any exception**.**

Check Answer

10. QID **-** 2.1074

Consider the following class definition**:**

public class TestClass**{**

public static void main**(){** **new** TestClass**().**sayHello**();** **}** //1

public static void sayHello**(){** System**.**out**.**println**(**"Static Hello World"**);** **}** //2

public void sayHello**()** **{** System**.**out**.**println**(**"Hello World "**);** **}** //3

**}**

What will be the result of compiling and running the class**?**

Select 1 option

A**.** It will print Hello World **.**

B**.** It will print Static Hello World **.**

C**.** Compilation error at line 2.

D**.** Compilation error at line 3.

E**.** Runtime Error**.**

Check Answer

11. QID **-** 2.956

Consider the following class**...**

class MyString **extends** String**{**

MyString**(){** **super();** **}**

**}**

The above code will not compile**.**

Select 1 option

A**.** True

B**.** False

Check Answer

12. QID **-** 2.1057

What will the following code print**?**

void crazyLoop**(){**

int c **=** 0**;**

JACK**:** **while** **(**c **<** 8**){**

JILL**:** System**.**out**.**println**(**c**);**

**if** **(**c **>** 3**)** **break** JILL**;** **else** c**++;**

**}**

**}**

Select 1 option

A**.** It will not compile**.**

B**.** It will **throw** an exception at runtime**.**

C**.** It will print numbers from 0 to 8

D**.** It will print numbers from 0 to 3

E**.** It will print numbers from 0 to 4

Check Answer

13. QID **-** 2.1156

What will the following class print when executed**?**

class Test**{**

static boolean a**;**

static boolean b**;**

static boolean c**;**

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

boolean bool **=** **(**a **=** **true)** **||** **(**b **=** **true)** **&&** **(**c **=** **true);**

System**.**out**.**print**(**a **+** ", " **+** b **+** ", " **+** c**);**

**}**

**}**

Select 1 option

A**.** **true,** **false,** **true**

B**.** **true,** **true,** **false**

C**.** **true,** **false,** **false**

D**.** **true,** **true,** **true**

Check Answer

14. QID **-** 2.1249

Consider the following class**:**

public class ArgsPrinter**{**

public static void main**(**String args**){**

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

System**.**out**.**print**(**args**+**" "**);**

**}**

**}**

**}**

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

java ArgsPrinter 1 2 3 4

Select 1 option

A**.** 1 2 3

B**.** ArgsPrinter 1 2

C**.** java ArgsPrinter 1 2

D**.** 1 1 1

E**.** None of these**.**

Check Answer

15. QID **-** 2.947

Which line contains a valid constructor in the following class definition**?**

public class TestClass**{**

int i**,** j**;**

public TestClass getInstance**()** **{** **return** **new** TestClass**();** **}** //1

public void TestClass**(**int x**,** int y**)** **{** i **=** x**;** j **=** y**;** **}** //2

public TestClass TestClass**()** **{** **return** **new** TestClass**();** **}** //3

public **~**TestClass**()** **{** **}** //4

**}**

Select 1 option

A**.** Line 1

B**.** Line 2

C**.** Line 3

D**.** Line 4

E**.** None of the above**.**

Check Answer

16. QID **-** 2.893

Given**:**

interface Worker **{**

void performWork**();**

**}**

class FastWorker **implements** Worker **{**

public void performWork**(){** **}**

**}**

You are creating a class that follows "program to an interface" principle**.** Which of the

following line of code will you most likely be using**?**

Select 1 option

A**.** public FastWorker getWorker**(){**

**return** **new** Worker**();**

**}**

B**.** public FastWorker getWorker**(){**

**return** **new** FastWorker**();**

**}**

C**.** public Worker getWorker**(){**

**return** **new** FastWorker**();**

**}**

D**.** public Worker getWorker**(){**

**return** **new** Worker**();**

**}**

Check Answer

17. QID **-** 2.1155

Which line will print the string "MUM"**?**

public class TestClass**{**

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

String s **=** "MINIMUM"**;**

System**.**out**.**println**(**s**.**substring**(**4**,** 7**));** //1

System**.**out**.**println**(**s**.**substring**(**5**));** //2

System**.**out**.**println**(**s**.**substring**(**s**.**indexOf**(**'I'**,** 3**)));** //3

System**.**out**.**println**(**s**.**substring**(**s**.**indexOf**(**'I'**,** 4**)));** //4

**}**

**}**

Select 1 option

A**.** 1

B**.** 2

C**.** 3

D**.** 4

E**.** None of these**.**

Check Answer

18. QID **-** 2.1117

Given the following classes**,** what will be the output of compiling and running the

class Truck**?**

class Automobile**{**

public void drive**()** **{** System**.**out**.**println**(**"Automobile: drive"**);** **}**

**}**

public class Truck **extends** Automobile**{**

public void drive**()** **{** System**.**out**.**println**(**"Truck: drive"**);** **}**

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

Automobile a **=** **new** Automobile**();**

Truck t **=** **new** Truck**();**

a**.**drive**();** //1

t**.**drive**();** //2

a **=** t**;** //3

a**.**drive**();** //4

**}**

**}**

Select 1 option

A**.** Compiler error at line 3.

B**.** Runtime error at line 3.

C**.** It will print**:**

Automobile**:** drive

Truck**:** drive

Automobile**:** drive

in that order**.**

D**.** It will print**:**

Automobile**:** drive

Truck**:** drive

Truck**:** drive

in that order**.**

E**.** It will print**:**

Automobile**:** drive

Automobile**:** drive

Automobile**:** drive

in that order**.**

Check Answer

19. QID **-** 2.860

What will the following code print when run**?**

public class TestClass **{**

public void switchString**(**String input**){**

**switch(**input**){**

**case** "a" **:** System**.**out**.**println**(** "apple" **);**

**case** "b" **:** System**.**out**.**println**(** "bat" **);**

**break;**

**case** "B" **:** System**.**out**.**println**(** "big bat" **);**

**default** **:** System**.**out**.**println**(** "none" **);**

**}**

**}**

public static void main**(**String**[]** args**)** **throws** Exception **{**

TestClass tc **=** **new** TestClass**();**

tc**.**switchString**(**"B"**);**

**}**

**}**

Select 1 option

A**.** bat

big bat

B**.** big bat

none

C**.** big bat

D**.** bat

E**.** The code will not compile**.**

Check Answer

20. QID **-** 2.1033

A **try** statement must always have a **.............** associated with it**.**

Select 1 option

A**.** **catch**

B**.** **throws**

C**.** **finally**

D**.** **catch,** **finally** or both

E**.** **throw**

Check Answer

21. QID **-** 2.1331

Note**:** This question may be considered too advanced **for** **this** exam**.**

Which statements can be inserted at line 1 in the following code to make the program

write x on the standard output when run**?**

public class AccessTest**{**

String a **=** "x"**;**

static char b **=** 'x'**;**

String c **=** "x"**;**

class Inner**{**

String a **=** "y"**;**

String get**(){**

String c **=** "temp"**;**

// Line 1

**return** c**;**

**}**

**}**

AccessTest**()** **{**

System**.**out**.**println**(** **new** Inner**().**get**()** **);**

**}**

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

**}**

Select 3 options

A**.** c **=** c**;**

B**.** c **=** **this.**a**;**

C**.** c **=** ""**+**AccessTest**.**b**;**

D**.** c **=** AccessTest**.this.**a**;**

E**.** c **=** ""**+**b**;**

Check Answer

22. QID **-** 2.1109

Which of the following statements are **true?**

Select 2 options

A**.** method length**()** of String class is a final method**.**

B**.** You can make mutable subclasses of the String class**.**

C**.** StringBuilder **extends** String **.**

D**.** StringBuilder is a final class**.**

E**.** String class is not final**.**

Check Answer

23. QID **-** 2.1126

Note**:** This question may be considered too advanced **for** **this** exam**.**

Given**:**

String mStr **=** "123"**;**

long m **=** // 1

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

Select 3 options

A**.** **new** Long**(**mStr**);**

B**.** Long**.**parseLong**(**mStr**);**

C**.** Long**.**longValue**(**mStr**);**

D**.** **(new** Long**()).**parseLong**(**mStr**);**

E**.** Long**.**valueOf**(**mStr**).**longValue**();**

Check Answer

24. QID **-** 2.950

Consider the following method **-**

public float parseFloat**(** String s **){**

float f **=** 0.0f**;**

**try{**

f **=** Float**.**valueOf**(** s **).**floatValue**();**

**return** f **;**

**}**

**catch(**NumberFormatException nfe**){**

f **=** Float**.**NaN **;**

**return** f**;**

**}**

**finally{**

f **=** 10.0f**;**

**return** f**;**

**}**

**}**

What will it **return** **if** the method is called with the input "0.0" **?**

Select 1 option

A**.** It will not compile**.**

B**.** It will **return** 10.0

C**.** It will **return** Float**.**Nan

D**.** It will **return** 0.0

E**.** None of the above**.**

Check Answer

25. QID **-** 2.1072

What**,** **if** anything**,** is wrong with the following code**?**

// Filename: TestClass.java

class TestClass **implements** T1**,** T2**{**

public void m1**(){}**

**}**

interface T1**{**

int VALUE **=** 1**;**

void m1**();**

**}**

interface T2**{**

int VALUE **=** 2**;**

void m1**();**

**}**

Select 1 option

A**.** TestClass cannot implement them both because it leads to ambiguity**.**

B**.** There is nothing wrong with the code**.**

C**.** The code will work fine only **if** VALUE is removed from one of the interfaces**.**

D**.** The code will work fine only **if** m1**()** is removed from one of the interfaces**.**

E**.** None of the above**.**

Check Answer

26. QID **-** 2.1027

Note**:** This question may be considered too advanced **for** **this** exam**.** What will the

following code print when run**?**

public class TestClass**{**

public static Integer wiggler**(**Integer x**){**

Integer y **=** x **+** 10**;**

x**++;**

System**.**out**.**println**(**x**);**

**return** y**;**

**}**

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

Integer dataWrapper **=** **new** Integer**(**5**);**

Integer value **=** wiggler**(**dataWrapper**);**

System**.**out**.**println**(**dataWrapper**+**value**);**

**}**

**}**

Select 1 option

A**.** 5 and 20

B**.** 6 and 515

C**.** 6 and 20

D**.** 6 and 615

E**.** It will not compile**.**

Check Answer

27. QID **-** 2.847

What will the following code print when compiled and run**:**

public class TestClass **{**

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

int k **=** 2**;**

**while(--**k**){**

System**.**out**.**println**(**k**);**

**}**

**}**

**}**

Select 1 option

A**.** 1

B**.** 1

0

C**.** 2

1

D**.** 2

1

0

E**.** It will keeping printing numbers in an infinite loop**.**

F**.** It will not compile**.**

Check Answer

28. QID **-** 2.1008

Given the following pairs of method declarations**,** which of the statements are **true?**

1.

void perform\_work**(**int time**){** **}**

int perform\_work**(**int time**,** int speed**){** **return** time**\***speed **;}**

2.

void perform\_work**(**int time**){** **}**

int perform\_work**(**int speed**){return** speed **;}**

3.

void perform\_work**(**int time**){** **}**

void Perform\_work**(**int time**){** **}**

Select 2 options

A**.** The first pair of methods will compile correctly and overload the method

'perform\_work'**.**

B**.** The second pair of methods will compile correctly and overload the method

'perform\_work'**.**

C**.** The third pair of methods will compile correctly and overload the method

'perform\_work'**.**

D**.** The second pair of methods will not compile correctly**.**

E**.** The third pair of methods will not compile correctly**.**

Check Answer

29. QID **-** 2.993

Which is the first line that will cause compilation to fail in the following program**?**

// Filename: A.java

class A**{**

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

A a **=** **new** A**();**

B b **=** **new** B**();**

a **=** b**;** // 1

b **=** a**;** // 2

a **=** **(**B**)** b**;** // 3

b **=** **(**B**)** a**;** // 4

**}**

**}**

class B **extends** A **{** **}**

Select 1 option

A**.** At Line 1.

B**.** At Line 2.

C**.** At Line 3.

D**.** At Line 4.

E**.** None of the above**.**

Check Answer

30. QID **-** 2.1060

Identify the valid **for** loop constructs assuming the following declarations**:**

Object o **=** **null;**

Collection c **=** //valid collection object.

int**[][]** ia **=** //valid array

Select 2 options

A**.** **for(**o **:** c**){** **}**

B**.** **for(**final Object o2 **:**c**){** **}**

C**.** **for(**int i **:** ia**)** **{** **}**

D**.** **for(**Iterator it **:** c**.**iterator**()){** **}**

E**.** **for(**int i **:** ia**[**0**]){** **}**

Check Answer

31. QID **-** 2.1315

Note**:** This question may be considered too advanced **for** **this** exam**.**

Given the declaration

interface Worker **{** void perform\_work**();** **}**

which of the following methods**/**classes are valid**?**

Select 2 options

A**.** Worker getWorker**(**int i**){**

**return** **new** Worker**(){** public void perform\_work**()** **{**

System**.**out**.**println**(**i**);** **}** **};**

**}**

B**.** Worker getWorker**(**final int i**){**

**return** **new** Worker**()** **{** public void perform\_work**()** **{**

System**.**out**.**println**(**i**);** **}** **};**

**}**

C**.** Worker getWorker**(**int i**){**

int x **=** i**;**

class MyWorker **implements** Worker **{**

public void perform\_work**()** **{** System**.**out**.**println**(**x**);** **}** **};**

**return** **new** MyWorker**();**

**}**

D**.** Worker getWorker**(**final int i**){**

class MyWorker **implements** Worker **{**

public void perform\_work**()** **{** System**.**out**.**println**(**i**);** **}** **};**

**return** **new** MyWorker**();**

**}**

Check Answer

32. QID **-** 2.1058

Consider the following code**:**

public class Varargs**{**

public void test**(){**

test1**(**10**,** 20**);** //1

**}**

public void test1**(**int i**,** int**...** j**){** System**.**out**.**println**(**"1"**);** **}**

public void test1**(**int**...** i **){** System**.**out**.**println**(**"2"**);** **}**

public void test1**(**int i**,** int j**){** System**.**out**.**println**(**"3"**);** **}**

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

**new** Varargs**().**test**();**

**}**

**}**

What will the program print**?**

Select 1 option

A**.** 1

B**.** 2

C**.** 3

D**.** It will not compile**.**

E**.** Exception at runtime**.**

Check Answer

33. QID **-** 2.928

Given the following set of member declarations**,** which of the following is **true?**

int a**;** // (1)

static int a**;** // (2)

int f**(** **)** **{** **return** a**;** **}** // (3)

static int f**(** **)** **{** **return** a**;** **}** // (4)

Select 2 options

A**.** Declarations **(**1**)** and **(**3**)** cannot occur in the same class definition**.**

B**.** Declarations **(**2**)** and **(**4**)** cannot occur in the same class definition**.**

C**.** Declarations **(**1**)** and **(**4**)** cannot occur in the same class definition**.**

D**.** Declarations **(**2**)** and **(**3**)** cannot occur in the same class definition**.**

E**.** Declarations **(**1**)** and **(**2**)** cannot occur in the same class definition**.**

Check Answer

34. QID **-** 2.1222

Consider the following class hierarchy

class A**{**

public void m1**()** **{** **}**

**}**

class B **extends** A**{**

public void m1**()** **{** **}**

**}**

class C **extends** B**{**

public void m1**(){**

/\* //1

... lot of code.

\*/

**}**

**}**

Select 2 options

A**.** You cannot access class A's m1() from class C for the same object ( i.e. this ).

B**.** You can access class B's m1() using super.m1() from class C .

C**.** You can access class A 's m1() using ( (A) this ).m1() from class C .

D**.** You can access class A 's m1() using super.super.m1() from class C .

Check Answer

35. QID **-** 2.897

Given the following code **:**

public class TestClass **{**

int**[][]** matrix **=** **new** int**[**2**][**3**];**

int a**[]** **=** **{**1**,** 2**,** 3**};**

int b**[]** **=** **{**4**,** 5**,** 6**};**

public int compute**(**int x**,** int y**){**

//1 : Insert Line of Code here

**}**

public void loadMatrix**(){**

**for(**int x**=**0**;** x**<**matrix**.**length**;** x**++){**

**for(**int y**=**0**;** y**<**matrix**[**x**].**length**;** y**++){**

//2: Insert Line of Code here

**}**

**}**

**}**

**}**

What can be inserted at //1 and //2?

Select 1 option

A**.** **return** a**(**x**)\***b**(**y**);**

and

matrix**(**x**,** y**)** **=** compute**(**x**,** y**);**

B**.** **return** a**[**x**]\***b**[**y**];**

and

matrix**[**x**,** y**]** **=** compute**(**x**,** y**);**

C**.** **return** a**[**x**]\***b**[**y**];**

and

matrix**[**x**][**y**]** **=** compute**(**x**,** y**);**

D**.** **return** a**(**x**)\***b**(**y**);**

and

matrix**(**x**)(**y**)** **=** compute**(**x**,** y**);**

E**.** **return** a**[**x**]\***b**[**y**];**

and

matrix**[[**x**][**y**]]** **=** compute**(**x**,** y**);**

Check Answer

36. QID **-** 2.1026

Given the class

// Filename: Test.java

public class Test**{**

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

**for(**int i **=** 0**;** i**<** args**.**length**;** i**++){**

System**.**out**.**print**(**" "**+**args**[**i**]);**

**}**

**}**

**}**

Now consider the following 3 options **for** running the program**:**

a**:** java Test

b**:** java Test param1

c**:** java Test param1 param2

Which of the following statements are **true?**

Select 2 options

A**.** The program will **throw** java**.**lang**.**ArrayIndexOutofBoundsException on

option a**.**

B**.** The program will **throw** java**.**lang**.**NullPointerException on option a**.**

C**.** The program will print Test param1 on option b**.**

D**.** It will print param1 param2 on option c**.**

E**.** It will not print anything on option a**.**

Check Answer

37. QID **-** 2.961

Which one of these is a proper definition of a class Car that cannot be sub**-**classed**?**

Select 1 option

A**.** class Car **{** **}**

B**.** abstract class Car **{** **}**

C**.** native class Car **{** **}**

D**.** static class Car **{** **}**

E**.** final class Car **{** **}**

Check Answer

38. QID **-** 2.957

What will the following program print**?**

public class TestClass**{**

static int someInt **=** 10**;**

public static void changeIt**(**int a**){**

a **=** 20**;**

**}**

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

changeIt**(**someInt**);**

System**.**out**.**println**(**someInt**);**

**}**

**}**

Select 1 option

A**.** 10

B**.** 20

C**.** It will not compile**.**

D**.** It will **throw** an exception at runtime**.**

E**.** None of the above**.**

Check Answer

39. QID **-** 2.1218

Check Answer

40. QID **-** 2.967

What will the following code print when compiled and run**?**

abstract class Calculator**{**

abstract void calculate**();**

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

System**.**out**.**println**(**"calculating"**);**

Calculator x **=** **null;**

x**.**calculate**();**

**}**

**}**

Select 1 option

A**.** It will not compile**.**

B**.** It will not print anything and will **throw** NullPointerException

C**.** It will print calculating and then **throw** NullPointerException **.**

D**.** It will print calculating and will **throw** NoSuchMethodError

E**.** It will print calculating and will **throw** MethodNotImplementedException

Check Answer

41. QID **-** 2.1139

Check Answer

42. QID **-** 2.1231

Given the following interface definition**,** which definitions are valid**?**

interface I1**{**

void setValue**(**String s**);**

String getValue**();**

**}**

Select 2 options

A**.** class A **extends** I1**{**

String s**;**

void setValue**(**String val**)** **{** s **=** val**;** **}**

String getValue**()** **{** **return** s**;** **}**

**}**

B**.** interface I2 **extends** I1**{**

void analyse**();**

**}**

C**.** abstract class B **implements** I1**{**

int getValue**(**int i**)** **{** **return** 0**;** **}**

**}**

D**.** interface I3 **implements** I1**{**

void perform\_work**();**

**}**

Check Answer

43. QID **-** 2.830

Consider the following method **:**

public void myMethod**(**int m**,** Object p**,** double d**){**

**...** valid code here

**}**

Assuming that there is no other method with the same name**,** which of the following

options are correct regarding the above method**?**

Select 1 option

A**.** If **this** method is called with two parameters**,** the value of d in the method will be

0.0.

B**.** If **this** method is called with one parameter**,** the value of p and d in the method will

be **null** and 0.0 respectively**.**

C**.** If **this** method is called with one parameter**,** the call will **throw** a

NullPointerException**.**

D**.** If **this** method is called with one parameter**,** the call will **throw** a

NullPointerException only **if** the code in the method tries to access p**.**

E**.** If **this** method is called with two parameters**,** the code will not compile**.**

Check Answer

44. QID **-** 2.1099

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

public class TestClass**{**

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

int x **=** 0**;**

labelA**:** **for** **(**int i**=**10**;** i**<**0**;** i**--){**

int j **=** 0**;**

labelB**:** **while** **(**j **<** 10**){**

**if** **(**j **>** i**)** **break** labelB**;**

**if** **(**i **==** j**){**

x**++;**

**continue** labelA**;**

**}**

j**++;**

**}**

x**--;**

**}**

System**.**out**.**println**(**x**);**

**}**

**}**

Select 1 option

A**.** It will not compile**.**

B**.** It will go in infinite loop when run**.**

C**.** The program will write 10 to the standard output**.**

D**.** The program will write 0 to the standard output**.**

E**.** None of the above**.**

Check Answer

45. QID **-** 2.1094

What will the following program print when run**?**

public class TestClass**{**

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

**try{**

System**.**exit**(**0**);**

**}**

**finally{**

System**.**out**.**println**(**"finally is always executed!"**);**

**}**

**}**

**}**

Select 1 option

A**.** It will print "finally is always executed!"

B**.** It will not compile as there is no **catch** block**.**

C**.** It will not print anything**.**

D**.** An exception will be thrown

E**.** None of the above**.**

Check Answer

46. QID **-** 2.1031

Check Answer

47. QID **-** 2.1028

Check Answer

48. QID **-** 2.1321

Consider the following class **:**

public class Parser**{**

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

**try{**

int i **=** 0**;**

i **=** Integer**.**parseInt**(** args**[**0**]** **);**

**}**

**catch(**NumberFormatException e**){**

System**.**out**.**println**(**"Problem in " **+** i **);**

**}**

**}**

**}**

What will happen **if** it is run with the following command line**:**

java Parser one

Select 1 option

A**.** It will print Problem in 0

B**.** It will **throw** an exception and end without printing anything**.**

C**.** It will not even compile**.**

D**.** It will not print anything **if** the argument is '1' instead of 'one'**.**

E**.** None of the above**.**

Check Answer

49. QID **-** 2.1240

Given**:**

byte b **=** 1**;**

char c **=** 1**;**

short s **=** 1**;**

int i **=** 1**;**

which of the following expressions are valid**?**

Select 3 options

A**.** s **=** b **\*** b **;**

B**.** i **=** b **<<** b **;**

C**.** s **<<=** b **;**

D**.** c **=** c **+** b **;**

E**.** s **+=** i **;**

Check Answer

50. QID **-** 2.941

What will the following code print**?**

String abc **=** ""**;**

abc**.**concat**(**"abc"**);**

abc**.**concat**(**"def"**);**

System**.**out**.**print**(**abc**);**

Select 1 option

A**.** abc

B**.** abcdef

C**.** def

D**.** It will print empty string **(**or in other words**,** nothing**).**

E**.** It will not compile because there is no concat**()** method in String class**.**

Check Answer

51. QID **-** 2.1203

A method with no access modifier can be overridden by a method marked protected**.**

Select 1 option

A**.** True

B**.** False

Check Answer

52. QID **-** 2.1063

Consider the directory structure shown in Image 1 that displays available folders and

classes and the code given below**:**

class StockQuote**{**

Stock stock**;**

public StockQuote**(**Stock s**)** **{**

**}**

public void store**()** **throws** IOException**{**

**return** Util**.**store**(**stock**);**

**}**

public double computePrice**(){**

**return** Helper**.**getPricer**(**stock**).**price**();**

**}**

**}**

Assuming that the code uses valid method calls**,** what statements MUST be added to

the above class**?**

Select 4 options

A**.** package com**.**enthu**.**rad**.\*** **;**

B**.** **import** com**.**enthu**.\*** **;**

C**.** package com**.**enthu**.**rad **;**

D**.** **import** com**.\*** **;**

E**.** **import** java**.**io**.\*** **;**

F**.** It is not required to **import** java**.**io**.\*** or **import** java**.**io**.**IOException because java**.**io

package is imported automatically**.**

Check Answer

53. QID **-** 2.1030

Check Answer

54. QID **-** 2.1273

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

public class TestClass**{**

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

A o1 **=** **new** C**(** **);**

B o2 **=** **(**B**)** o1**;**

System**.**out**.**println**(**o1**.**m1**(** **)** **);**

System**.**out**.**println**(**o2**.**i **);**

**}**

**}**

class A **{** int i **=** 10**;** int m1**(** **)** **{** **return** i**;** **}** **}**

class B **extends** A **{** int i **=** 20**;** int m1**()** **{** **return** i**;** **}** **}**

class C **extends** B **{** int i **=** 30**;** int m1**()** **{** **return** i**;** **}** **}**

Select 1 option

A**.** The program will fail to compile**.**

B**.** Class cast exception at runtime**.**

C**.** It will print 30**,** 20.

D**.** It will print 30**,** 30.

E**.** It will print 20**,** 20.

Check Answer

55. QID **-** 2.1059

Identify valid **for** constructs**...**

Assume that Math**.**random**()** returns a double between 0.0 and 1.0 **(**not including 1.0**).**

Select 3 options

A**.** **for(;**Math**.**random**()<**0.5**;){**

System**.**out**.**println**(**"true"**);**

**}**

B**.** **for(;;**Math**.**random**()<**0.5**){**

System**.**out**.**println**(**"true"**);**

**}**

C**.** **for(;;**Math**.**random**()){**

System**.**out**.**println**(**"true"**);**

**}**

D**.** **for(;;){**

Math**.**random**()<**.05**?** **break** **:** **continue;**

**}**

E**.** **for(;;){**

**if(**Math**.**random**()<**.05**)** **break;**

**}**

Check Answer

56. QID **-** 2.981

For object o1 of class A to access a member**(**field or method**)** of object o2 of class B**,**

when the member has no access modifier**,** class B must be**...**

Select 1 option

A**.** a subclass of A

B**.** in the same package as A is in**.**

C**.** a Super class of A

D**.** a subclass but may not be in the same package**.**

E**.** in the same package and must be a Subclass of A**.**

Check Answer

57. QID **-** 2.1108

What will the following program print**?**

class Test**{**

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

int k **=** 9**,** s **=** 5**;**

**switch(**k**){**

**default** **:**

**if(** k **==** 10**)** **{** s **=** s**\***2**;** **}**

**else{**

s **=** s**+**4**;**

**break;**

**}**

**case** 7 **:** s **=** s**+**3**;**

**}**

System**.**out**.**println**(**s**);**

**}**

**}**

Select 1 option

A**.** 5

B**.** 9

C**.** 12

D**.** It will not compile**.**

Check Answer

58. QID **-** 2.1284

What will the following class print when run**?**

public class Sample**{**

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

String s1 **=** **new** String**(**"java"**);**

StringBuilder s2 **=** **new** StringBuilder**(**"java"**);**

replaceString**(**s1**);**

replaceStringBuilder**(**s2**);**

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

**}**

static void replaceString**(**String s**)** **{**

s **=** s**.**replace**(**'j'**,** 'l'**);**

**}**

static void replaceStringBuilder**(**StringBuilder s**)** **{**

s**.**append**(**"c"**);**

**}**

**}**

Select 1 option

A**.** javajava

B**.** lavajava

C**.** javajavac

D**.** lavajavac

E**.** None of these**.**

Check Answer

59. QID **-** 2.1283

What is the correct declaration **for** an abstract method 'add' accessible to any class**,**

takes no arguments and returns nothing**?**

**(**Use only one space between words**)**

Select 1 option

A**.** public void add**();**

B**.** abstract add**();**

C**.** abstract **null** add**();**

D**.** abstract public void add**(){** **}**

E**.** abstract public void add**()** **throws** Exception**;**

Check Answer

60. QID **-** 2.1143

Which of the given statements are correct **for** a method that overrides the following

method**:**

public Set getSet**(**int a**)** **{...}**

Select 3 options

A**.** Its **return** type must be declared as Set **.**

B**.** It may **return** HashSet**.**

C**.** It can declare any Exception in **throws** clause

D**.** It can declare any RuntimeException in **throws** clause**.**

E**.** It can be abstract**.**

Check Answer

61. QID **-** 2.1292

Check Answer

62. QID **-** 2.1163

The following is a valid member variable declaration**:**

private static final transient int i **=** 20**;**

Select 1 option

A**.** True

B**.** False

Check Answer

63. QID **-** 2.902

Given**:**

class Triangle**{**

public int base**;**

public int height**;**

public double area **=** 0**;**

public Triangle**(**int base**,** int height**){**

**this.**base **=** base**;** **this.**height **=** height**;**

updateArea**();**

**}**

public void updateArea**(){**

double a **=** base**\***height**/**2**;**

area **=** a**;**

**}**

public void setBase**(**int b**){** base **=** b**;** updateArea**();** **}**

public void setHeight**(**int h**){** height **=** h**;** updateArea**();** **}**

**}**

Which variables are not accessible from anywhere within given class code **(**except

from where they are declared**)?**

Select 1 option

A**.** base**,** height**,** area

B**.** area**,** b**,** h

C**.** base**,** height

D**.** b**,** h**,** a

Check Answer

64. QID **-** 2.1266

Which of the following statements are **true?**

Select 3 options

A**.** The condition expression in an **if** statement can contain method calls**.**

B**.** If a and b are of type boolean**,** the expression **(**a **=** b**)** can be used as the condition

expression of an **if** statement**.**

C**.** An **if** statement can have either an 'if' clause or an 'else' clause**.**

D**.** The statement **:** **if** **(false)** **;** **else** **;** is illegal**.**

E**.** Only expressions which evaluate to a boolean value can be used as the condition in

an **if** statement**.**

Check Answer

65. QID **-** 2.1330

Which of the following access control keywords can be used to enable all the

subclasses to access a method defined in the base class**?**

Select 2 options

A**.** public

B**.** private

C**.** protected

D**.** No keyword is needed**.**

Check Answer

66. QID **-** 2.1184

Check Answer

67. QID **-** 2.1089

Check Answer

68. QID **-** 2.1004

Which of these statements concerning the use of modifiers are **true?**

Select 1 option

A**.** By **default** **(**i**.**e**.** no modifier**)** the member is only accessible to classes in the same

package and subclasses of the class**.**

B**.** You cannot specify visibility of local variables**.**

C**.** Local variable always have **default** accessibility**.**

D**.** Local variables can be declared as private**.**

E**.** Local variables can only be declared as public**.**

Check Answer

69. QID **-** 2.1254

What will the following code print when run**?**

public class Test**{**

static String j **=** ""**;**

public static void method**(** int i**){**

**try{**

**if(**i **==** 2**){**

**throw** **new** Exception**();**

**}**

j **+=** "1"**;**

**}**

**catch** **(**Exception e**){**

j **+=** "2"**;**

**return;**

**}**

**finally{**

j **+=** "3"**;**

**}**

j **+=** "4"**;**

**}**

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

method**(**1**);**

method**(**2**);**

System**.**out**.**println**(**j**);**

**}**

**}**

Select 1 option

A**.** 13432

B**.** 13423

C**.** 14324

D**.** 12434

E**.** 12342

Check Answer

70. QID **-** 2.963

Consider the following code snippet**:**

**for(**int i**=**INT1**;** i**<**INT2**;** i**++){**

System**.**out**.**println**(**i**);**

**}**

INT1 and INT2 can be any two integers**.**

Which of the following will produce the same result**?**

Select 1 option

A**.** **for(**int i**=**INT1**;** i**<**INT2**;** System**.**out**.**println**(++**i**));**

B**.** **for(**int i**=**INT1**;** i**++<**INT2**;** System**.**out**.**println**(**i**));**

C**.** int i**=**INT1**;** **while(**i**++<**INT2**)** **{** System**.**out**.**println**(**i**);** **}**

D**.** int i**=**INT1**;** **do** **{** System**.**out**.**println**(**i**);** **}while(**i**++<**INT2**);**

E**.** None of these**.**

Check Answer

71. QID **-** 2.1043

Assuming the following declarations**,** write a **for** loop that prints each string in the

collection using the given elements**.**

Collection**<**String**>** c1 **=** **new** HashSet**<**String**>();**

Check Answer

72. QID **-** 2.1131

What would be the result of attempting to compile and run the following program**?**

class TestClass**{**

static TestClass ref**;**

String**[]** arguments**;**

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

ref **=** **new** TestClass**();**

ref**.**func**(**args**);**

**}**

public void func**(**String**[]** args**){**

ref**.**arguments **=** args**;**

**}**

**}**

Select 1 option

A**.** The program will fail to compile**,** since the static method main is trying to call the

non**-**static method func **.**

B**.** The program will fail to compile**,** since the non**-**static method func cannot access

the static member variable ref **.**

C**.** The program will fail to compile**,** since the argument args passed to the static

method main cannot be passed on to the non**-**static method func **.**

D**.** The program will fail to compile**,** since method func is trying to assign to the non**-**

static member variable ' arguments ' through the static member variable ref **.**

E**.** The program will compile and run successfully**.**

Check Answer

73. QID **-** 2.1214

Consider the following program**:**

public class TestClass**{**

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

String tom **=** args**[**0**];**

String dick **=** args**[**1**];**

String harry **=** args**[**2**];**

**}**

**}**

What will the value of 'harry' **if** the program is run from the command line**:**

java TestClass 111 222 333

Select 1 option

A**.** 111

B**.** 222

C**.** 333

D**.** It will **throw** an ArrayIndexOutOfBoundsException

E**.** None of the above**.**

Check Answer

74. QID **-** 2.943

Note**:** Option 4 of **this** question may be considered too advanced **for** **this** exam**.**

Which lines of code will not be acceptable to the compiler**?**

**import** java**.\*;** //1

public abstract class InternalLogic **{** //2

float density **=** 20.0**;** //3

public class Doer **{** //4

void **do()** //5

**{**

//lot of valid code.

**}**

**}**

**}**

Select 2 options

A**.** 1

B**.** 2

C**.** 3

D**.** 4

E**.** 5

Check Answer

75. QID **-** 2.966

Select the correct order of restrictiveness **for** access modifiers**...**

**(**First one should be least restrictive**)**

Select 1 option

A**.** public **<** protected **<** package **(**i**.**e**.** no modifier**)** **<** private

B**.** public **<** package **(**i**.**e**.** no modifier**)** **<** protected **<** private

C**.** public **<** protected **<** private **<** package **(**i**.**e**.** no modifier**)**

D**.** protected **<** package **(**i**.**e**.** no modifier**)** **<** private **<** public

E**.** depends on the implementation of the class or method**.**

Check Answer

76. QID **-** 2.1080

Which of the following are valid declarations of the standard main**()** method**?**

Select 2 options

A**.** static void main**(**String args**[** **])** **{** **}**

B**.** public static int main**(**String args**[** **])** **{}**

C**.** public static void main **(**String args**)** **{** **}**

D**.** final static public void main **(**String**[** **]** arguments **)** **{** **}**

E**.** public static void main **(**String**[** **]** args**)** **{** **}**

Check Answer

77. QID **-** 2.1070

What is the result of executing the following fragment of code**:**

boolean b1 **=** **false;**

int i1 **=** 2**;**

int i2 **=** 3**;**

**if** **(**b1 **=** i1 **==** i2**){**

System**.**out**.**println**(**"true"**);**

**}** **else{**

System**.**out**.**println**(**"false"**);**

**}**

Select 1 option

A**.** Compile time error**.**

B**.** It will print **true**

C**.** It will print **false**

D**.** Runtime error**.**

E**.** It will print nothing**.**

Check Answer

78. QID **-** 2.880

Which of the following are standard Java exception classes**?**

Select 2 options

A**.** FileNotFoundException

B**.** InputException

C**.** CPUError

D**.** MemoryException

E**.** SecurityException

Check Answer

79. QID **-** 2.1103

What will be printed by the following code **if** it is run with command line**:** java

TestClass **-**0.50 **?**

public class TestClass**{**

public static double getSwitch**(**String str**){**

**return** Double**.**parseDouble**(**str**.**substring**(**1**,** str**.**length**()-**1**));**

**}**

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

**switch(**getSwitch**(**args**[**0**])){**

**case** 0.0 **:** System**.**out**.**println**(**"Hello"**);**

**case** 1.0 **:** System**.**out**.**println**(**"World"**);** **break;**

**default** **:** System**.**out**.**println**(**"Good Bye"**);**

**}**

**}**

**}**

Select 1 option

A**.** Hello

B**.** World

C**.** Hello World

D**.** Hello World Good Bye

E**.** None of the above**.**

Check Answer

80. QID **-** 2.912

Which of the following methods does not **return** any value**?**

Select 1 option

A**.** public doStuff**()** **throws** FileNotFoundException**,**

IllegalArgumentException**{**

//valid code not shown

**}**

B**.** public **null** doStuff**()** **throws** FileNotFoundException**,**

IllegalArgumentException**{**

//valid code not shown

**}**

C**.** public doStuff**()** **{**

//valid code not shown

**}**

D**.** public void doStuff**()** **throws** FileNotFoundException**,**

IllegalArgumentException**{**

//valid code not shown

**}**

E**.** private doStuff**()** **{**

//valid code not shown

**}**

Check Answer

81. QID **-** 2.1023

Check Answer

82. QID **-** 2.1250

Which statements**,** when inserted at line 1**,** will cause an exception at run time**?**

class B **{}**

class B1 **extends** B **{}**

class B2 **extends** B **{}**

public class ExtendsTest**{**

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

B b **=** **new** B**();**

B1 b1 **=** **new** B1**();**

B2 b2 **=** **new** B2**();**

// insert statement here

**}**

**}**

Select 1 option

A**.** b **=** b1**;**

B**.** b2 **=** b**;**

C**.** b1 **=** **(**B1**)** b**;**

D**.** b2 **=** **(**B2**)** b1**;**

E**.** b1 **=** **(**B**)** b1**;**

Check Answer

83. QID **-** 2.976

Consider the following two java files**:**

//in file SM.java

package x**.**y**;**

public class SM**{**

public static void foo**(){** **};**

**}**

//in file TestClass.java

//insert import statement here //1

public class TestClass**{**

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

foo**();**

**}**

**}**

What should be inserted at //1 so that TestClass will compile and run?

Select 2 options

A**.** **import** static x**.**y**.\*** **;**

B**.** **import** static x**.**y**.**SM **;**

C**.** **import** static x**.**y**.**SM**.**foo **;**

D**.** **import** static x**.**y**.**SM**.**foo**()** **;**

E**.** **import** static x**.**y**.**SM**.\*** **;**

Check Answer

84. QID **-** 2.1259

Note**:** Although Wrapper classes are not explicitly mentioned in the exam objectives**,**

we have seen some candidates get questions on **this** aspect of Wrapper classes**.**

What will be the output of the following program**?**

public class EqualTest**{**

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

Integer i **=** **new** Integer**(**1**)** **;**

Long m **=** **new** Long**(**1**);**

**if(** i**.**equals**(**m**))** System**.**out**.**println**(**"equal"**);** // 1

**else** System**.**out**.**println**(**"not equal"**);**

**}**

**}**

Select 1 option

A**.** equal

B**.** not equal

C**.** Compile time error at //1

D**.** Runtime error at //1

E**.** None of the above**.**

Check Answer

85. QID **-** 2.931

Consider the following classes **:**

class A**{**

public static void sM1**()** **{** System**.**out**.**println**(**"In base static"**);** **}**

**}**

class B **extends** A**{**

Line 1 **:** // public static void sM1() { System.out.println("In sub static"); }

Line 2 **:** // public void sM1() { System.out.println("In sub non-static"); }

**}**

Which of the following statements are **true?**

Select 2 options

A**.** class B will not compile **if** line 1 is uncommented**.**

B**.** class B will not compile **if** line 2 is uncommented**.**

C**.** class B will not compile **if** line 1 and 2 are both uncommented**.**

D**.** Only Option 2 is correct**.**

E**.** Only Option 3 is correct**.**

Check Answer

86. QID **-** 2.1233

What will the following program print**?**

class Test**{**

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

int c **=** 0**;**

boolean flag **=** **true;**

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

**while(**flag**){**

c**++;**

**if(**i**>**c **||** c**>**5**)** flag **=** **false;**

**}**

**}**

System**.**out**.**println**(**c**);**

**}**

**}**

Select 1 option

A**.** 3

B**.** 4

C**.** 5

D**.** 6

E**.** 7

Check Answer

87. QID **-** 2.1217

Consider the following classes in one file named A**.**java**...**

abstract class A**{**

protected int m1**(){** **return** 0**;** **}**

**}**

class B **extends** A**{**

int m1**(){** **return** 1**;** **}**

**}**

Which of the following statements are correct**...**

Select 1 option

A**.** The code will not compile as you cannot have more than 1 class in 1 file**.**

B**.** The code will not compile because class B does not override the method m1**()**

correctly**.**

C**.** The code will not compile as A is an abstract class**.**

D**.** The code will not compile as A does not have any abstract method**.**

E**.** The code will compile fine**.**

Check Answer

88. QID **-** 2.946

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

public class TestClass**{**

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

int i **=** 1**;**

int**[]** iArr **=** **{**1**};**

incr**(**i**)** **;**

incr**(**iArr**)** **;**

System**.**out**.**println**(** "i = " **+** i **+** " iArr[0] = " **+** iArr **[** 0 **]** **)** **;**

**}**

public static void incr**(**int n **)** **{** n**++** **;** **}**

public static void incr**(**int**[** **]** n **)** **{** n **[** 0 **]++** **;** **}**

**}**

Select 1 option

A**.** The code will print i **=** 1 iArr**[**0**]** **=** 1**;**

B**.** The code will print i **=** 1 iArr**[**0**]** **=** 2**;**

C**.** The code will print i **=** 2 iArr**[**0**]** **=** 1**;**

D**.** The code will print i **=** 2 iArr**[**0**]** **=** 2**;**

E**.** The code will not compile**.**

Check Answer

89. QID **-** 2.827

What will be the output when the following program is run**?**

package exceptions**;**

public class TestClass**{**

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

**try{**

hello**();**

**}**

**catch(**MyException me**){**

System**.**out**.**println**(**me**);**

**}**

**}**

static void hello**()** **throws** MyException**{**

int**[]** dear **=** **new** int**[**7**];**

dear**[**0**]** **=** 747**;**

foo**();**

**}**

static void foo**()** **throws** MyException**{**

**throw** **new** MyException**(**"Exception from foo"**);**

**}**

**}**

class MyException **extends** Exception **{**

public MyException**(**String msg**){**

**super(**msg**);**

**}**

**}**

**(**Assume that line numbers printed in the messages given below are correct**.)**

Select 1 option

A**.** Exception in thread "main"

java**.**lang**.**ArrayIndexOutOfBoundsException**:** 10

at exceptions**.**TestClass**.**doTest**(**TestClass**.**java**:**24**)**

at exceptions**.**TestClass**.**main**(**TestClass**.**java**:**14**)**

B**.** Error in thread "main" java**.**lang**.**ArrayIndexOutOfBoundsException

C**.** exceptions**.**MyException**:** Exception from foo

D**.** exceptions**.**MyException**:** Exception from foo

at exceptions**.**TestClass**.**foo**(**TestClass**.**java**:**29**)**

at exceptions**.**TestClass**.**hello**(**TestClass**.**java**:**25**)**

at exceptions**.**TestClass**.**main**(**TestClass**.**java**:**14**)**

Check Answer

90. QID **-** 2.1181

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

// Filename: TestClass.java

public class TestClass**{**

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

B c **=** **new** C**();**

System**.**out**.**println**(**c**.**max**(**10**,** 20**));**

**}**

**}**

class A**{**

int max**(**int x**,** int y**)** **{** **if** **(**x**>**y**)** **return** x**;** **else** **return** y**;** **}**

**}**

class B **extends** A**{**

int max**(**int x**,** int y**)** **{** **return** 2 **\*** **super.**max**(**x**,** y**)** **;** **}**

**}**

class C **extends** B**{**

int max**(**int x**,** int y**)** **{** **return** **super.**max**(** 2**\***x**,** 2**\***y**);** **}**

**}**

Select 1 option

A**.** The code will fail to compile**.**

B**.** Runtime error**.**

C**.** The code will compile without errors and will print 80 when run**.**

D**.** The code will compile without errors and will print 40 when run**.**

E**.** The code will compile without errors and will print 20 when run**.**

Check Answer