QUESTION
Given:

```
import static java.lang.System.*;
class _ {
    static public void main(String... __A_V_) {
        String $ = "";
        for(int x=0; ++x < __A_V_.length; )
            $ += __A_V_[x];
        out.println($);
    }
}
```

And the command line:
java _ - A .

What is the result?
A. -A
B. A.
C. -A.
D. _A.
E. _-A.
F. Compilation fails
G. An exception is thrown at runtime

Correct Answer: B

QUESTION
Given:

```
public class Pass2 {
        public static void main(String [] args) {
                int x = 6;
                doStuff(x);
                System.out.print(" main x = " + x);
        }
        void doStuff(int x) {
                System.out.print(" doStuff x = " +  ++x);
        }
}
```

And the command-line invocations:

javac Pass2.java
java Pass2 5

What is the result?

A. Compilation fails.
B. An exception is thrown at runtime.
C. doStuff x = 6 main x = 6
D. doStuff x = 6 main x = 7
E. doStuff x = 7 main x = 6
F. doStuff x = 7 main x = 7

Correct Answer: A

QUESTION
Given the following code:

```
11. public static void test(String str) {
12.   if(str == null | str.length() == 0) {
13.     System.out.println("String is empty");
14.   } else {
15.     System.out.println("String is not empty");
16.   }
17. }
```

And the invocation:
```
31. test(null);
```

What is the result?
A. An exception is thrown at runtime
B. "String is empty" is printed to output
C. Compilation fails because of an error in line 12.
D. "String is not empty" is printed to output.

Correct Answer: A

QUESTION
Given:

```
class Fork {
        public static void main(String[] args) {
          if (args.length == 1 | args[1].equals("test")) {
                System.out.println("test case");
          } else {
                System.out.println("porduction " + args[0]);
          }
        }
}
```

And the command-line invocation:

java Fork live2

What is the result?

A. test case
B. production live2
C. test case live2
D. Compilation fails
E. An exception is thrown at runtime

Correct Answer: E

QUESTION
Given:

```
public class Pass2 {
        public void main(String [] args) {
                int x = 6;
                Pass2 p = new Pass2();
                p.doStuff(x);
                System.out.print(" main x = " + x);
        }
        void doStuff(int x) {
                System.out.print(" doStuff x = " + x++);
        }
}
```

And the command-line invocations:

```
javac Pass2.java
java Pass2 5
```

What is the result?

A. Compilation fails.
B. An exception is thrown at runtime.
C. doStuff x = 6 main x = 6
D. doStuff x = 6 main x = 7
E. doStuff x = 7 main x = 6
F. doStuff x = 7 main x = 7

Correct Answer: B

QUESTION
Given:

```
public class Pass2 {
        public static void main(String [] args) {
                int x;
                int y;
                System.out.print(" main x = " +  x++);
                System.out.print(" main y = " +  ++y);
        }
}
```

And the command-line invocations:
javac Pass2.java
java Pass2

What is the result?

A. Compilation fails.
B. An exception is thrown at runtime.
C. main x = 0 main y = 1
D. main x = 1 main y = 0
E. main x = 0 main y = 0
F. main x = 1 main y = 1

Correct Answer: A

QUESTION
Given the following code:

```
1. // insert code here
2. class StatTest {
3.    public static void main(String[] args) {
4.       System.out.println(Integer.MAX_VALUE);
5.    }
6. }
```

Which, inserted independently at line 1, compiles? (Choose all that apply.)

A. import static java.lang;
B. import static java.lang.Integer;
C. import static java.lang.Integer.*;
D. import static java.lang.Integer.*_VALUE;
E. import static java.lang.Integer.MAX_VALUE;
F. None of the above statements are valid import syntax

Correct Answer: CE

QUESTION
Given the following code:

```
1. // insert code here
2. public class TestStaticImport {
3.   public static void main(String[] args) {
4.     out.println(MAX_VALUE);
5.     out.println(toHexString(42));
6.   }
7. }
```

Which two imports are required to compile?

A. import java.lang.*;
B. import static java.lang.Integer.*;
C. import java.lang.System;
D. import static java.lang.System.out;
E. static import java.lang.System.*;
F. import java.lang.System.*;
G. import java.lang.Integer.toHexString;

Correct Answer: BD

QUESTION
Given the following code:

```
12. public class Commander {
13.   public static void main(String[] args) {
14.     String myProp = /* insert code here */
15.     System.out.println(myProp);
16.   }
17. }
```

and the command line:
java -Dprop.custom=gobstopper Commander

Which two, placed on line 13, will produce the output gobstopper? (Choose two.)

A. System.load("prop.custom");
B. System.getenv("prop.custom");
C. System.property("prop.custom");
D. System.getProperty("prop.custom");
E. System.getProperties().getProperty("prop.custom");

Correct Answer: DE

QUESTION

Given the following code:

```
import java.util.*;

public class Values {
  public static void main(String[] args) {
     Properties p = System.getProperties();
     p.setProperty("myProp", "myValue");
     System.out.print(p.getProperty("cmdProp") + " ");
     System.out.print(p.getProperty("myProp") + " ");
     System.out.print(p.getProperty("noProp") + " ");
     p.setProperty("cmdProp", "newValue");
     System.out.print(p.getProperty("cmdProp"));
  }
}
```

And given the command line invocation:
java -DcmdProp=cmdValue Values

What is the output?

A. null myValue null null
B. cmdValue null null cmdValue
C. cmdValue null null newValue
D. cmdValue myValue null cmdValue
E. cmdValue myValue null newValue
F. An exception is thrown at runtime

Correct Answer: E

QUESTION
You want to use the static member MYCONST belonging to class A in abc.org.project package. Which one of the following statements shows the correct use of static import feature?

a) static import abc.org.project.A;
b) static import abc.org.project.A.MYCONST;
c) import static abc.org.project.A;
d) import static abc.org.project.A.MYCONST;

Correct Answer: D

QUESTION
Given:

```
public class Test {
}
```

Which two packages are automatically imported into the java source file by the java compiler?
A. java.lang
B. java.awt
C. javax.net
D. java.*
E. The package with no name

Correct Answer: AE

QUESTION
Which one of the following programs compiles without any errors and prints "hello world" in console?

a)
```
import static java.lang.System.out.println;
  class StaticImport {
     public static void main(String []args) {
        println("hello world");
     }
  }
```
b)
```
import static java.lang.System.out;
  class StaticImport {
    public static void main(String []args) {
       out.println("hello world");
    }
  }
```
c)
```
import static java.lang.System.out.*;
  class StaticImport {
    public static void main(String []args) {
      out.println("hello world");
    }
  }
```
d)
```
import static java.lang.System.out.*;
  class StaticImport {
    public static void main(String []args) {
       println("hello world");
    }
  }
```

Correct Answer: B

QUESTION
Consider the following program:

```
// class PQR in mock package
package mock;
public class PQR {
        public static void foo() {
                System.out.println("foo");
        }
}
// class XYZ in mock package
package mock;
import static mock.*;
public class XYZ {
        public static PQR pqr;
}
// class StatImport
import static mock.XYZ.*;
class StatImport {
        public static void main(String []args) {
                // STMT
        }
}
```

Which one of the following statements will compile without errors when replaced with the line marked with the comment STMT?

a) foo();
b) pqr.foo();
c) PQR.foo();
d) XYZ.pqr.foo();

Correct Answer: B

QUESTION
Given:

```
public class Yippee {
   public static void main(String [] args) {
      for(int x = 1; x < args.length; x++) {
         System.out.print(args[x] + " ");
      }
   }
}
```

and two separate command line invocations:

```
java Yippee
java Yippee 1 2 3 4
```

What is the result?

A. No output is produced.
1 2 3
B. No output is produced.
2 3 4
C. No output is produced.
1 2 3 4
D. An exception is thrown at runtime.
1 2 3
E. An exception is thrown at runtime.
2 3 4
F. An exception is thrown at runtime.
1 2 3 4

Correct Answer: B

QUESTION
Given a class Repetition:

```
package utils;

public class Repetition {
   public static String twice(String s) { return s + s; }
}
```

and given another class Demo:

```
01. public class Demo {
02.    public static void main(String[] args) {
03.       System.out.println(twice("pizza"));
04.    }
05. }
```

Which code should be inserted at line 1 of Demo.java to compile and run Demo to print "pizzapizza"?

A. `import utils.*;`
B. `static import utils.*;`
C. `import utils.Repetition.*;`
D. `static import utils.Repetition.*;`
E. `import utils.Repetition.twice();`
F. `import static utils.Repetition.twice;`
G. `static import utils.Repetition.twice;`

Correct Answer: F

QUESTION
What gets printed when the following code is compiled and run with the following command

java test 2

```
public class test {
        public static void main(String args[]) {
                Integer intObj=Integer.valueOf(args[args.length-1]);
                int i = intObj.intValue();
                if(args.length > 1)
                        System.out.println(i);
                if(args.length > 0)
                        System.out.println(i - 1);
                else
                        System.out.println(i - 2);
        }
}
```

Select the one correct answer.

A. test

B. test -1

C. 0

D. 1

E. 2

F. Compilation fails

G. An exception is thrown

Correct Answer: D

QUESTION
Which two will compile, and can be run successfully using the command:

java Fred1 hello walls

A.
```
class Fred1{
        public static void main (String args) {
                System.out.println(args[1]);
        }
}
```

B.
```
class Fred1{
        public static void main (String [] args) {
                System.out.println(args[2]);
        }
}
```

C.
```
class Fred1 {
        public static void main (String [] args) {
                System.out.println (args);
        }
}
```
D.
```
class Fred1 {
        public static void main (String [] args) {
                System.out.println (args [1]);
        }
}
```

Correct Answer: CD
