Consider below code of Test.java file:

```
public class Test {
    public static void main(String[] args) {
        for(int i = 5; i >= 1; i--) { //Line n1
            System.out.println("*".repeat(i)); //Line n2
        }
    }
}
```

What will be the result of compiling and executing Test class?

A.
```
*
**
***
****
*****
```

B.
```
*****
****
***
**
*
```

C.
```
*
**
***
****
```

D.
```
****
***
**
*
```

E. compilationError
F. Line n2 cause runtimeerror

Answer : B

Q>

```
public static void main(String... args) {
            boolean opt=true;//line5
            switch (opt){
                  case true://line7
                        System.out.print("True");
                        break;//line9
                  default:
                        System.out.println("****");
            }
            System.out.println("Done");
}
```

What modification should be enabled to print TrueDone?

A. Replace line 5 with String opt="True"
   Replace line 7 with case "True".

B. Replace line 5 with boolan opt=1
   Replace line 7 with case 1=

C. At line 9 remove break statement

D. Remove the default section.

Answer: A

Q>
```
public static void main(String... args) {
            int x=5;  //line4
            while (isAvailable(x)){//line5
                  System.out.println(x);//line6    JVM:: x-- , first use x and then
x= x-1   :: 54321
                  //line7
             }
}
public static boolean isAvailable(int x){
      return x-- > 0 ? true :false;//line8
}
```
What modification should be enabled the code to print 54321
A. Replace line 6 with System.out.print(x--);
B. At line 4 insert x--
C. Replace line 6 with --x and line 7,insert System.out.print(x)
D. Replace line 8 with return (x>0) ? false:true

Answer: A

Q>
```
public static void main(String... args) {
     StringBuilder sb=new StringBuilder(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("Match 3");
            }

}
```
A. Match 1
B. Match 2
C. CompileTime Error
D. Match3
E. NullPointerException

Answer: B

Q>
Consider below code of Test.java file:
```
public class Test {
    public static void main(String [] args) {
        String text = "RISE ";
        text = text + (text = "ABOVE ");
        System.out.println(text);
    }
}
```
What will be the result of compiling and executing Test class?
A. RISE RISE ABOVE
B. RISE ABOVE
C. ABOVE ABOVE
D. RISE ABOVE RISE

Answer: B

Q>
What will be the result of compiling and executing Test class?

```
public class Test {
    public static void main(String[] args) {
        StringBuilder sb = new StringBuilder("Java");
        String s1 = sb.toString();
        String s2 = "Java";
        System.out.println(s1 == s2);
    }
}
```

A. compilation error
B. true
C. false
D. An exception is thrown at runtime

Answer: C

Q>

```
public class Test {
    public static void main(String[] args) {
        StringBuilder sb = new StringBuilder("Java");
        String s1 = sb.toString();
        String s2 = sb.toString();
        System.out.println(s1 == s2);
    }
}
```

A. compilation error
B. true
C. false
D. An exception is thrown at runtime

Answer: C

Q>

```
public class Test {
    public static void main(String[] args) {
        String str = "java";
        StringBuilder sb = new StringBuilder("java");
        System.out.println(str.equals(sb) + ":" + sb.equals(str));
    }
}
```

A. Compilation Error
B. false:false
C. false:true
D. true:false
E. true:true

Answer: B

Q>
A bank's swift code is generally of 11 characters and used in international money transfers.
An example of swift code: ICICINBBRT4
ICIC: First 4 letters for bank code
IN: Next 2 letters for Country code
BB: Next 2 letters for Location code

RT4: Next 3 letters for Branch code

Which of the following code correctly extracts country code from the swift code referred by String reference variable swiftCode?
A. swiftCode.substring(4,6);
B. swiftCode.substring(5,6);
C. swiftCode.substring(5,7);
D. swiftCode.substring(4,5);

Answer: ICICINBBRT4
A. swiftCode.substring(4,6);

Q>
```
public class Test {
    public static void main(String[] args) {
        StringBuilder sb = new StringBuilder();
        System.out.println(sb.append(null).length());
    }
}
```
A. NullPointerException
B. 1
C. 4
D. CompilationError

append(String)
append(StringBuilder)
append(StringBuffer)

Answer: D

Q>
```
public class Test {
    public static void main(String[] args) {
        StringBuilder sb = new StringBuilder();
        System.out.println(sb.append("").append("").append("").length());
    }
}
```
A. 0
B. 1
C. 2
D. 3

Answer: A(0)

Q>
```
public class Test {
    public static void main(String[] args) {
        StringBuilder sb = new StringBuilder(5);// capacity = 5 ,new capacity =
(5+1) * 2 = 12
        sb.append("0123456789");
        sb.delete(8, 1000);
        System.out.println(sb);
    }
}
```
A. CompilationError
B. An Exception is thrown at Runtime
C. 01234567
D. 89

Answer: C

Q>
```
public class Test {
    public static void main(String[] args) {
        StringBuilder sb = new StringBuilder("Hurrah! I Passed...");
        sb.delete(0, 100);
        System.out.println(sb.length());
    }
}
```
A. 19
B. 0
C. 16
D. StringIndexOutOfBoundsException

Answer: B

Q>
```
public class Test {
    public static void main(String[] args) {
        StringBuilder sb = new StringBuilder(100);
        System.out.println(sb.length() + ":" + sb.toString().length());
    }
}
```
What will be the result of compiling and executing Test class?
A. 100:100
B. 100:0
C. 16:16
D. 16:0
E. 0:0

Answer: 0:0