* Please write your answers in a Word document and mail the Answer Sheet back
* Total time allotted for Section 1 and Section 2 together is 30 minutes

**Section 1**

1. **Which statement does not compile?**
2. double number1, number2;
3. double number1, int number2 = 0;
4. double number1, number2 = 0;
5. double number1 = 0, number2 = 0;

Ans : Option B

1. **What will be the output of below code?**

public static void main(String[] args) {

String keyboard, mouse = "metal";

keyboard = keyboard + mouse;

System.out.println(keyboard);

}

1. Metal
2. metalmetal
3. nullmetal
4. The code does not compile

Ans : Option D

1. **How many of the following methods compile?**

public class Test

{

public String convert(Integer value) {

return value.toString();

}

public String convert(Object value) {

return value.toString();

}

public String convert(int value) {

return value.toString();

}

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

Test obj = new Test();

System.out.println(obj.convert(10));

}

}

1. None  
   B. One  
   C. Two  
   D. Three

Ans : Option D

1. **What is true in case of finalize() method?**
2. It may be called zero or one times.  
   B. It may be called zero or more times.  
   C. It will be called exactly once.  
   D. It may be called one or more times.

Ans : A. It will be called exactly once.

1. **Interpolation in angular 2 is done using**
2. {{}}
3. {{|var}}
4. {{{}}}
5. !!!!

Ans : A.{{}}

1. **Which of the following is the correct way to apply a filter?**
2. - Property-value || filter
3. - Property-value && filter
4. - Property-value | filter

Ans: C. - Property-value | filter

1. **Which is a more efficient JavaScript code snippet?  
   Code 1 :**

// for loop in javascript

for(var number=10; number >=1; number --)

{

document.writeln(number);

}

**Code 2 :**

var number =10;

while(number >=1)

{

document.writeln(number);

number ++;

}

1. Code 1
2. Code 2
3. Both Code 1 and Code 2
4. Cannot Compare

Ans: A.Code 1 as code 2 will run for infinite times

**Section 2**

1. **What are the best practices that needs to be followed to create a URI for web services****?**

**The best practices needed to be followed to create a URI for web services are as follows :  
URI should be readable and easy to remember**

**URI should be short**

**URI should only contain letters**

1. **What is a connection leak in Java and how can we fix it?**

**Connection leak in Java is basically that database has created more connections than the threshold defined.**

**We can fix it by increasing the threshold for connection or applying synchronization.**

1. **What is the maximum payload size that can be sent in POST method?**
2. **Iterate ArrayList using for-loop, while-loop, and advance for-loop. List should contain number1, number2, number3 strings.**

**List<String> numbers = new ArrayList<String>();**

**numbers.add(“number1”);**

**numbers.add(“number2”);**

**numbers.add(“number3”);**

**for(int i=0;i<numbers.size();i++){**

**sout(numbers.get(i));**

**}**

for(String number : numbers){

sout(number)

}

Iterator iterator = numbers.iterator();

while(iterator.hasNext()){

sout(number);

}