## Quiz-2-Review Points

**Portion:** <mark>**Lesson – 7 to Lesson – 9**</mark>                    **Max: 20 Points**

**Saturday @ 9.45 am for 30 minutes.**

**Note: After the Quiz, answer discussions followed by Lesson-10-Generics Lectures**

**Quiz includes the following**

a. True or False

b. Multiple choice questions

c. Finding output for the given code.

d. Converting Anonymous Implementation to Lambdas

e. Converting Lambdas to Method reference

f. Identify the suitable functional interface(API) or own, for the given lambda expression.

g. Converting Imperative code to Declarative code.

## Focus on the following Points:

### Lessons 7

1. Know about Java 8 Interface methods conflicts & how to solve those issue.
2. Applications of Java 8 interface with enum.
3. How to create a singleton object using enum.
4. Importance of Overriding Object Methods.( toString(), equals() and hashcode())

   Refer: package lesson7.lecture.hashcode and your homework Problem 1

### Lesson - 8

5. Functional style of programing principles/features. (Slide 5-7)
6. Benefits of Functional style.(Slide-9)
7. Concepts of Functional Interface, Functor, Closure.
8. How to create a Lambdas using API functional Interface.
9. What is Free variable?
10. How to create your own Functional Interface and how to implement that using Lambdas.
11. Able to convert imperative style of coding into Functional style of coding.
12. Able to convert Anonymous implementation to Lambdas.
13. Able to convert Method Reference to Lambdas.
14. Practice with the four kinds of Method references.

### Lesson – 9  [ Only Slides 5-48]

15. What is Stream?
16. How to Work with Streams? – Creation Stems 3 – Step Template
17. Practice with Intermedaite operations(distinct, filter, map, sorted,etc.,)
18. Practice with Terminal operations(forEach, count, collect etc.,)