1) Lambdas introduced in Java 8 allow us to treat -

a)Data as code

**b)Code as data**

c)none

d)all

2) Lambda expressions in java 8 are based on

a)Procedural programming

**b)Functional programming**

c)Data programming

d)All

3) how many methods are there in functional interface in Java 8?

a)0

**b)1**

c)2

d)3

4)In java 8 Function is ?

a)Class

**b)Interface**

c)Lambda Expression

d)Object

5) Which of the following is not introduced with Java 8?

a) Stream API

**b) Serialization**

c) Spliterator

d) Lambda Expression

6) What is the purpose of BooleanSupplier function interface?

**a) represents supplier of Boolean-valued results**

b) returns Boolean-valued result

c) There is no such function interface

d) returns null if Boolean is passed as argument

7) What is the return type of lambda expression?

a) String

b) Object

c) void

**d) Function**

8) Which of the following is correct about Java8?

a) Lambda expression - Adds functional processing capability to Java.

b) Method references - Referencing functions by their names instead of invoking them directly. Using functions as parameter.

c) Default method - Interface to have default method implementation.

**d) All of the above.**

9) Which of the following functional interface represents a function that produces a double-valued result?

a) ToDoubleBiFunction<T,U>

**b) ToDoubleFunction<T>**

c) ToIntBiFunction<T,U>

d) ToIntFunction<T>

10) What is not true about functional interface in Java?

a) They contains only one abstract method.

b) They exhibit only one functionality.

**c) Runnable and Callable are not examples of functional interface.**

11) What does SAM stand for in the context of Functional Interface?

a) Single Ambivalue Method

**b) Single Abstract Method**

c) Simple Active Markup

d) Simple Abstract Markup

12) Which of the following are valid lambda expressions?

a) String a, String b -> System.out.print(a+ b);

b) () -> return;

**c) (int i) -> i;**

d) (int i) -> i++; return i;

13) Given below code snippet

interface A {

int aMethod(String s);

}

Which of the following are valid statements?

a) A a = a -> a.length();

b) A x = y -> {return y;};

c) A s = "2" -> Integer.parseInt(s);

**d) A b = (String s) -> 1;**