**CORE JAVA 8 FEATURES**

Options in RED colour stand for selected choice for answer

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

a.Data as code

b.Code as data

c.none

d.all

2.The newly introduced Streams API is available in which package of java 8:

a.java.io.streams

b.java.io.stream

c.java.util.streams

d.java.util.stream

3.Which class can be used Instead of System.getCurrentTimeMillis() to get a date and time in Java 8 -

a.Clock

b.Date

c.Time

d.Timer

4.Lambda expressions in java 8 are based on

a.Procedural programming

b.Functional programming

c.Data programming

d.All

5.how many methods are there in functional interface in Java 8?

a.0

b.1

c.2

d.3

6.In Java 8 Interfaces, methods can be:

a.default

b.abstract

c.all

d.none

7.The Java 8 API with a sequence of elements which of these supports sequential and parallel aggregate operations -

a.Hadoop

b.Streams

c.SequenceProgramming

d.Big-data

8.Stream operations in java 8 can be divided into

a.Terminal types

b.Intermediate types

c.All

d.None

9.Which package contains Date/Time (JSR 310) API in Java 8 -

a.java.time

b.java.util.time

c.java.timedate

d.java.util.calendar

10.Predicate is in which package in Java 8

a.java.util.predicate

b.java.util.object

c.java.util.objects

d.java.util.predict

11.Which of these represents a process that accepts one argument and produces a result in Java 8

a.Function

b.Process

c.Method

d.JavaFunctions

12.In java 8 Function is ?

a.Class

b.Interface

c.Lambda Expression

d.Object

13.What is Predicate in Java 8 -

a.method

b.class

c.Interface

d.Framework

14.How sorting speed has been improved significantly on multi-core machines by using -

a.Arrays.parallelSort

b.Arrays.sort

c.Collection.parallelSort

d.Arrays.sortParallelly

15.Which is aggregate operation in Java 8

a.filter

b.map

c.forEach

d.All

16.Example of functional interfaces in Java 8 -

a.java.util.concurrent.Callable

b.java.lang.Runnable

c.All

d.None

17.Which method can be used to check null on an Optional variable in Java 8

a.isPresent()

b.isNullable()

c.isPresentable()

d.isNotNull()

18. need to override which Predicate method in Java 8 -

a.predict(T t)

b.predictable(T t)

c.testable(T t)

d.test(T t)

19. What is the return type of lambda expression?

a. String

b. Object

c. void

d. Function

20. What are the two types of Streams offered by java 8?

a. sequential and parallel

b.sequential and random

c. parallel and random

d. random and synchronized