**CORE JAVA 8 FEATURES**

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