**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