Example of functional interfaces in Java 8 -

A. java.util.concurrent.Callable

B. java.lang.Runnable

C. All

D. None

Answer C

2. We 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)

Answer D

3. Which of the following functional interface represents an operation on a single double-valued operand that produces a double-valued result?

A. DoubleToLongFunction

B. DoubleUnaryOperator

C. Function

D. IntBinaryOperator

Answer B

4. 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

Answer B

5. What is the return type of lambda expression?

A. String

B. Object

C. void

D. Function

Answer D

6. What can help us in avoiding NullPointeExceptions and null checks in java 8 -

A. Optional

B. Required

C. NotNull

D. NotRequired

Answer A

7. Which is aggregate operation in Java 8

A. filter

B. map

C. forEach

D. All

Answer D

8. Function is ?

A. Class

B. Interface

C. Lambda Expression

D. Object

Answer B

9. Which of the following functional interface represents a supplier of results?

A. ObjIntConsumer

B. ObjLongConsumer

C. Predicate

D. Supplier

Answer D

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. Nashorn the new JavaScript engine is an implementation of -

a.javax.engine.Engine

b.javax.script.Engine

c.javax.javaScript.Engine

d.javax.script.ScriptEngine

11. Which is new command line tool for the Nashhorn JavaScript engine in java 8 -

a.jcs

b.jfs

c.jjs

d.jss

12. Which of these should be used to show package-level and class-level dependencies of Class files in Java 8

a.dep

b.ideps

c.jdep

d.jdeps

13. Predicate is in which package in Java 8

a.java.util.predicate

b.java.util.object

c.java.util.objects

d.java.util.predict

14. 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

15. In java 8 Function is ?

a.Class

b.Interface

c.Lambda Expression

d.Object

16. PermGen space has been replaced with which of these in Java 8 -

a.PermSpace

b.PermSpaceGen

c.Metaspace

d.MetaGenSpace

17. What can help us in avoiding NullPointeExceptions and null checks in java 8 -

a.Optional

b.Required

c.NotNull

d.NotRequired

18. Code before Java 8 essentially used to be -

a.Declarative

b.Imperative

c.Subjective

d.None

19. In java 8, R apply(T t) is a method of-

a.Function

b.Process

c.Predicate

d.None

20. What is Predicate in Java 8 -

a.method

b.class

c.Interface

d.Framework

21. 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

22. Which is aggregate operation in Java 8

a.filter

b.map

c.forEach

d.All

23. Example of functional interfaces in Java 8 -

a.java.util.concurrent.Callable

b.java.lang.Runnable

c.All

d.None

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

a.isPresent()

b.isNullable()

c.isPresentable()

d.isNotNull

25. We 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)

**Correct answers**

1) b     2) d     3) a     4) b     5) b     6) c     7) b     8) c     9) a     10) d     11) c     12) d     13) b     14) a     15) b     16) c     17) a     18) b     19) a     20) c     21) a     22) d     23) c     24) a     25) d