Java 8 Test Paper

Time :30 mins Total Marks : 40

Q 1) 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

Q 2) Lambda expressions in java 8 are based on

A) Procedural programming B)Functional programming C)Data programming D) All

Q3)How many abstract methods are there in functional interface in Java 8?

A)0 B)1 C)2 D)3

Q 4) In Java 8 Interfaces, methods can be:

A) default B)abstract C) A & B Both D)none of the above

Q 5)The Java 8 API with a sequence of elements which of these supports sequential and parallel aggregate operations -

A)Hadoop B)Streams C)Sequence Programming D)Big-Data

Q 6)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

Q 7)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

Q 8)Which is new command line tool for the Nashhorn JavaScript engine in java 8

A) jcs B) jfs C) jjs D) jss

Q 9)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

Q 10)Predicate is in which package in Java 8

A)java.util.predicate B)java.util.function C)java.util.objects D)java.util.predict

Q11)PermGen space has been replaced with which of these in Java 8 -

A)PermSpace B) )PermSpaceGen C)Metaspace D)MetaGenSpace

Q12) In java 8, R apply(T t) is a method of

A)Function B)Process C)Predicate D)None

Q13)What is Predicate in Java 8 -

A)method B)class C)interface D)framework

Q14)Example of functional interfaces in Java 8 -

A)Consumer B)Runnable C) A & B Both D)None of the above

Q15)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)

Q 16)Functional interfaces can be annotated as

A)@Function B) @FunctionalInterface C) @Functional D)@Interface

Q 17)What needs to be implemented to use lambda expression

A)Functional interface B) Functional class C) Functional method D) Functional object

Q 18)Which of the following is correct about System.out::println expression?

A)System.out::println method is a static method reference to println method of out object of System class.

B)System.out::println method is a instance method reference to println method of out object of System class.

C) Both of the above.

D) None of the above

Q 19) Stream supports operations like filter, map, limit, reduce, find and match.

A)false B)True

Q 20)All the classes in the new (Java 8) Date Time API are immutable

A)true B)false