**Core Java Test**

**Name:** Total Question:**20**

**Employee ID:** Time: **30 mins**

**1.** Which of the following statements is true ?

(i) Constructor can be overloaded.

(ii) Constructor can return a value.

(iii) Constructor name should be the same as the class name.

(iv) Constructor can take input parameters.

a) (i),(ii),(iii) and (iv)

b) (i), (iii) and (iv) only

c) (i) and (ii) only

d) (ii),(iii) and (iv) only

**2.**"Which of these array declarations and initialization are legal

(i) int arr[4] = new int[4];

(ii) int[4] arr = new int[4];

(iii)int arr[] = new int[4];

(iv) int[] arr = new int[4];

a) all of the above

b) (i), (ii)

c) (iii)

d) (iii) and (iv)

**3.** The JDBC API consists of some classes and some interfaces. Identify which out of the following is/are class/classes

a) DriverManager

b) CallableStatement

C) Connection

d) All of the above

**4.** Which of the following will read a set of words from the command line?

a) System.in.read()

b) System.in.readLine()

c) new BufferedReader(new InputStreamReader(System.in)).readLine()

d) none of the above

**5.** In a pure java class the method is Static block is called before the main() method

a) True

b) False

**6.** Method Overloading can be done using

a) Number of Parameters

b) Number and type of Parameters

c) Return Type

d) None of the above

**7.** Constructor (Methods) have Return Type

a) True

b) False

**8**. \_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the "Block of code" that is always executed (normal execution)

a) Catch (Exception Ex)

b) Destructor

c) Finally

d) None of the above

**9.**Which of the following statements is not correct?

a)Java is based on object oriented concepts

b)Java is platform dependent

c)Java is portable

d)None of the above

**10.** Which of these is the valid declarations for the main method?

a) public void main();

b) public static void main (String args[])

c) public static void main(String);

d) public static int main(String args[])

**11.**Thread are synchronized by

a) sleep and wakeup

b) wait and notify

c) synchronize and desynchronize

d) sleep and notify

**12.** Which of the following statements is true?

a) Abstract modifier can be applied to classes and methods.

b) The abstact class cannot be instantiated.

c) An abstract class can have all or more abstract methods

d) All of the above.

**13.** If no access modifier is specified in Java the default access modifier assumed is

a) private

b) public

c) protected

d) package level

**14.** Integer is a \_\_\_\_\_\_\_\_\_\_\_\_\_\_

a) Keyword

b) Wrapper Class

c) Data Type

d) Constructor

**15.** Which Class is the superclass of all Java classes

a) Class

b) Object

c) String

d) Super

**16.** A function can be abstract and final at the same time.

a) True

b) False

**17.** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the concept by which one class is inherited from more than one super class

a) Multiple inheritance

b) Mutilevel inheritance

c)Single inheritance

d)None of the above

**18.** To make salary in the following class definition read-only:

class Employee

{

double salary;

}

a good approach would be to

a) Make the employee class private

b) Make salary protected

c) Make salary private and define a method called getSalary()

d) Make salary private and define methods called getSalary() and setSalary()

**19.**

public class Compare

{

public static void main(String args[])

{

int x = 10, y;

if (x < 10) y =1 ;

if (x >=10) y =2 ;

System.out.println("Y is " + y);

}

}

a) Program compiles and prints Y is 0

b) Program throws a runtime exception

c) Program does not compile saying Y is not initialized

d) Program prints one of the following

**20.** What gets printed on the standard output when the class below is compiled and executed by entering "java test This is a test"

public class test

{

public static void main(String args[])

{

System.out.println(args[0]+ " " + args[args.length]);

}

}

a) Program will print "java this"

b) Program will print "java test"

c) program will print "this test"

d) Will throw ArrayIndexOutOfBoundsException