

# Core\_Java\_CCEE\_Practice

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Exam Time : 60 min

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1. Which of the following are legal lines of Java code?

1. int w = (int)888.8;
2. byte x = (byte)100L;
3. long y = (byte)100;
4. byte z = (byte)100L;

- a) 1 and 2
  - b) 2 and 3
  - c) 3 and 4
  - d) All statements are correct
- 

2. What is the output of this program?

```
class average {  
    public static void main(String args[])  
    {  
        double num[] = {5.5, 10.1, 11, 12.8, 56.9, 2.5};  
        double result;  
        result = 0;  
        for (int i = 0; i < 6; ++i)  
            result = result + num[i];  
        System.out.print(result/6);  
    }  
}
```

- a) 16.34
  - b) 16.566666644
  - c) 16.46666666666667
  - d) 16.46666666666666
- 

3. What is Truncation in Java?

- a) Floating-point value assigned to an integer type
  - b) Integer value assigned to floating type
  - c) Floating-point value assigned to an Floating type
  - d) Integer value assigned to floating type
-

4. Which of these is an incorrect array declaration?

- a) `int arr[] = new int[5];`
  - b) `int [] arr = new int[5];`
  - c) `int arr[] = new int[5];`
  - d) `int arr[] = int [5] new`
- 

5. What will this code print?

```
int arr[] = new int [5];  
System.out.print(arr);
```

- a) 0
  - b) value stored in `arr[0]`.
  - c) 00000
  - d) Class name@ hashCode in hexadecimal form
- 

6. What is the output of this program?

```
class increment  
{  
    public static void main(String args[])  
    {  
        double var1 = 1 + 5;  
        double var2 = var1 / 4;  
        int var3 = 1 + 5;  
        int var4 = var3 / 4;  
        System.out.print(var2 + " " + var4);  
    }  
}
```

- a) 1 1
  - b) 0 1
  - c) 1.5 1
  - d) 1.5 1.0
- 

7. Can 8 byte long data type be automatically type cast to 4 byte float data type?

- a) True
  - b) False
-

8.Which of these keywords are used for generating an exception manually?

- a) try
  - b) catch
  - c) throw
  - d) check
- 

9.What is the output of this program?

```
class Output
{
    public static void main(String args[])
    {
        try
        {
            int a = 0;
            int b = 5;
            int c = b / a;
            System.out.print("Hello");
        }
    }
}
```

- a) Hello
  - b) World
  - c) HelloWOrld
  - d) Compilation Error
- 

10.Which of these methods is used to print stack trace?

- a) obtainStackTrace()
  - b) printStackTrace()
  - c) getStackTrace()
  - d) displayStackTrace()
- 

11.Which of these classes is super class of Exception class?

- a) Throwable
  - b) System
  - c) RunTime
  - d) Class
-

12. What is the output of this program?

```
class exception_handling
{
    public static void main(String args[])
    {
        try
        {
            throw new NullPointerException ("Hello");
            System.out.print("A");
        }
        catch(ArithmeticException e)
        {
            System.out.print("B");
        }
    }
}
```

- a) A
  - b) B
  - c) Compilation Error
  - d) Runtime Error
- 

13. Which of these class extend InputStream class?

- a) ObjectOutputStream
  - b) ObjectInputStream
  - c) ObjectOutput
  - d) ObjectInput
- 

14. How many methods Serializable has?

- a) 1
  - b) 2
  - c) 3
  - d) 0
- 

15. Default Serialization process cannot be overridden.

- a) True
  - b) False
- 

16. Which of the following methods is not used while Serialization and DeSerialization?

- a) readObject()
- b) readExternal()
- c) readWriteObject()
- d) writeObject()

17. Which of these is an interface for control over serialization and deserialization?

- a) Serializable
  - b) Externalization
  - c) FileFilter
  - d) ObjectInput
- 

18. How to use environment properties in the class?

- a) @Autowired
  - b) @Variable
  - c) @Property
  - d) @Environment
- 

19. Which of these methods of a Thread class is used to suspend a thread for a period of time?

- a) sleep()
  - b) terminate()
  - c) suspend()
  - d) stop()
- 

20. What is the output of this program?

```
class newthread implements Runnable
{
    Thread t;
    newthread()
    {
        t = new Thread(this, "My Thread");
        t.start();
    }
}
class multithreaded_programing
{
    public static void main(String args[])
    {
        new newthread();
    }
}
```

- a) My Thread
  - b) Thread[My Thread,5,main].
  - c) Compilation Error
  - d) Runtime Error
-

21. Which of these methods returns the class of an object?

- a) getClass()
  - b) Class()
  - c) WhoseClass()
  - d) WhoseObject()
- 

22. Which of these class is a superclass of all other classes?

- a) Math
  - b) Process
  - c) System
  - d) Object
- 

23. What is the output of this program?

```
class Output
{
    public static void main(String args[])
    {
        int x = 3.14;
        int y = (int) Math.abs(x);
        System.out.print(y);
    }
}
```

- a) 0
- b) 3
- c) 3.0
- d) 3.1

---

24. Which of these method can set the out stream to OutputStream?

- a) setStream()
  - b) setostream()
  - c) setOut()
  - d) streamtoOstream()
- 

25. Which of these class is not a member class of java.io package?

- a) String
  - b) StringReader
  - c) Writer
  - d) File
-

26. Which of these interfaces is not a member of java.io package?

- a) DataInput
  - b) ObjectInput
  - c) ObjectFilter
  - d) FileFilter
- 

27. Which of these exceptions will be thrown if we declare an array with negative size?

- a) IllegalArgumentException
  - b) IllegalArraySizeException
  - c) NegativeArrayException
  - d) NegativeArraySizeException
- 

28. Which of these classes is used to create user-defined exceptions?

- a) java.lang
  - b) Exception
  - c) RuntimeException
  - d) System
- 

29. Which of these is the interface of legacy implemented by Hashtable and Dictionary classes?

- a) Map
  - b) Enumeration
  - c) HashMap
  - d) Hashtable
- 

30. Which of these methods is used to retrieve the elements in properties object at specific location?

- a) get()
  - b) Elementat()
  - c) ElementAt()
  - d) getProperty()
-

31. What is the output of this program?

```
import java.util.*;
class properties
{
    public static void main(String args[])
    {
        Properties obj = new Properties();
        obj.put("AB", new Integer(3));
        obj.put("BC", new Integer(2));
        obj.put("CD", new Integer(8));
        System.out.print(obj.keySet());
    }
}
```

- a) {AB, BC, CD}
  - b) [AB, BC, CD].
  - c) [3, 2, 8].
  - d) {3, 2, 8}
- 

32.. Which of these packages contain all the collection classes?

- a) java.util
  - b) java.lang
  - c) java.net
  - d) java.awt
- 

33. What is Collection in Java?

- a) A group of objects
  - b) A group of classes
  - c) A group of interfaces
  - d) None of the mentioned
- 

34. In order to restrict a variable of a class from inheriting to subclass, how variable should be declared?

- a) Protected
  - b) Private
  - c) Public
  - d) Static
-



35.If super class and subclass have same variable name, which keyword should be used to use super class?

- a) super
  - b) this
  - c) upper
  - d) classname
- 

36.Static members are not inherited to subclass.

- a) True
  - b) False
- 

37.Which of the following is used for implementing inheritance through class?

- a) inherited
  - b) using
  - c) extends
  - d) implements
- 

38.What is use of interpreter?

- a) They read high level code and execute them
  - b) They convert bytecode to machine language code
  - c) They are intermediate between JIT and JVM
  - d) It is a synonym for JIT
- 

39.Which concept of Java is a way of converting real world objects in terms of class?

- a) Polymorphism
  - b) Encapsulation
  - c) Abstraction
  - d) Inheritance
- 

40.What is it called if an object has its own lifecycle and there is no owner?

- a) Aggregation
- b) Composition
- c) Encapsulation
- d) Association