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**NPTEL** (<https://swayam.gov.in/explorer?ncCode=NPTEL>) » **Programming in Java (course)**

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## Unit 8 - Week 6 :

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 Course  
outline

 How does an  
NPTEL online  
course work?

Week 0 :

Week 1 :

Week 2 :

Week 3 :

Week 4 :

Week 5 :

Week 6 :

☐ Lecture 26 :  
Demonstration-  
X (unit?  
unit=7&lesson=40)

☐ Lecture 27 :  
Multithreading-I

## Assignment 6

 The due date for submitting this assignment has passed. **Due on 2020-03-11, 23:59 IST.**

Assignment submitted on 2020-03-11, 21:14 IST

1)

1 point

**Which of the following is NOT a method of the Thread class in Java?**

- a. `isAlive()`
- b. `getPriority()`
- c. `getNames()`
- d. `sleep()`

- ☐ a.
- ☐ b.
- ☒ c.
- ☐ d.

 Yes, the answer is correct.  
Score: 1

 Accepted Answers:  
c.

2)

1 point

(unit?  
unit=7&lesson=41)

☐ Lecture 28 :  
Multithreading-II  
(unit?  
unit=7&lesson=42)

☐ Lecture 29 :  
Demonstration-  
XI (unit?  
unit=7&lesson=43)

☐ Lecture 30 : I-O  
Stream-I (unit?  
unit=7&lesson=44)

☒ **Quiz :**  
**Assignment 6**  
**(assessment?**  
**name=98)**

☒ Java Week 6:  
Q1  
(/noc20\_cs08/progassignr  
name=142)

☒ Java Week 6:  
Q2  
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name=143)

☒ Java Week 6:  
Q3  
(/noc20\_cs08/progassignment?  
name=144)

☒ Java Week 6:  
Q4  
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name=145)

☒ Java Week 6:  
Q5  
(/noc20\_cs08/progassignment?  
name=146)

☐ Feedback For  
Week 6 (unit?  
unit=7&lesson=154)

**Week 7 :**

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**Assignment  
Solution**

**Which of the following method can be used to know the priority of a thread?**

- a. `getPriority()`
- b. `priority()`
- c. `isRunning()`
- d. `getThreadPriority()`

- ☒ a.
- ☐ b.
- ☐ c.
- ☐ d.

Yes, the answer is correct.

Score: 1

Accepted Answers:

a.

3)

1 point

**Which of the following can be used to create an instance of Thread?**

- a. By implementing the `Runnable` interface.
- b. By extending the `Thread` class.
- c. By creating a new class named `Thread` and calling method `run()`.
- d. By importing the `Thread` class from package.

- ☒ a.
- ☒ b.
- ☐ c.
- ☐ d.

Yes, the answer is correct.

Score: 1

Accepted Answers:

a.  
b.

4)

1 point

**Which of these keywords must be used to monitor for exceptions?**

- a. `try`
- b. `finally`
- c. `throw`
- d. `catch`

- ☒ a.
- ☐ b.
- ☐ c.
- ☐ d.

Yes, the answer is correct.

Score: 1

Accepted Answers:

a.

5)

1 point

**Which one of these keywords must be used to handle the exception thrown by try block in some rational manner?**

- a. try
- b. finally
- c. throw
- d. catch

☐ a.

☐ b.

☐ c.

☒ d.

Yes, the answer is correct.

Score: 1

Accepted Answers:

d.

6)

**Which of the following will contain the body of the thread?**

1 point

- a. run();
- b. start();
- c. stop();
- d. main();

☐ a.

☐ b.

☒ c.

☐ d.

No, the answer is incorrect.

Score: 0

Accepted Answers:

a.

7)

1 point

The following is a simple program using the concept of thread.

```
public class Question7 extends Thread{
    public void run() {
        System.out.println("Thread started ...");
    }
    public static void main(String args[]){
        Question7 t1= new Question7();
        t1.start();
    }
}
```

How many threads will be there when the above program is in execution?

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

- ☐ a.
- ☒ b.
- ☐ c.
- ☐ d.

No, the answer is incorrect.

Score: 0

Accepted Answers:

c.

8)

1 point

For the program given below, what will be the output after its execution?

```
public class Question8{
    public static void main(String[]args) {
        Thread thread=Thread.currentThread();
        System.out.println(thread.isAlive());
    }
}
```

- a. 0
- b. true
- c. 1
- d. false

- ☐ a.
- ☒ b.
- ☐ c.
- ☐ d.

Yes, the answer is correct.

Score: 1

Accepted Answers:

b.

9)

1 point

**Which of the following is a correct constructor for a thread object?**

- a. `Thread(Runnable a, String str);`
- b. `Thread(Runnable a, int priority);`
- c. `Thread(Runnable a, ThreadGroup t);`
- d. `Thread(int priority);`

- ☒ a
- ☐ b.
- ☐ c.
- ☐ d.

Yes, the answer is correct.

Score: 1

Accepted Answers:

a

10)

1 point

**Which of these keyword(s) is used to manually throw an exception?**

- a. try
- b. finally
- c. throw
- d. catch

- ☐ a.
- ☐ b.
- ☒ c.
- ☐ d.

Yes, the answer is correct.

Score: 1

Accepted Answers:

c.

