

OBJECT ORIENTED PROGRAMMING WITH JAVA

Assignment12

TYPE OF QUESTION: MCQ

Number of questions: 10

Total mark: $10 \times 1 = 10$

QUESTION 1:

Which statement is true in case of using “this” keyword in a static method?

- a. “this” keyword can be used in static method to access static variables only
- b. “this” keyword can't be used in static method
- c. “this” keyword can be used in static method
- d. None

Correct Answer: a

QUESTION 2:

State whether the following statements are True or False.

- i) A catch can have comma-separated multiple arguments.**
- ii) Throwing an Exception always causes program termination.**

- a. True, False
- b. False, True
- c. True, True
- d. False, False

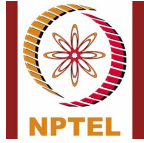
Correct Answer: d

Detailed Solution:

QUESTION 3:

Which of the following contains both date and time?

- a) java.io.date



- b) java.sql.date
- c) java.util.date
- d) java.util.dateTime

Answer: c

Explanation: java.util.date contains both date and time. Whereas, java.sql.date contains only date.

QUESTION 4:

In Graphics class which method is used to draw a rectangle with the specified width and height?

- a) public void drawRect(int x, int y, int width, int height)
- b) public abstract void fillRect(int x, int y, int width, int height)
- c) public abstract void drawLine(int x1, int y1, int x2, int y2)
- d) public abstract void drawOval(int x, int y, int width, int height)

ANSWER: a

QUESTION 5:

Which of the following control expressions are valid for an if statement?

- a. Any integer expression.
- b. Any Boolean expression.
- c. A String object.
- d. Any expression with mixed arithmetic.

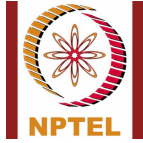
Correct Answer: b

Detailed Solution:

In Java if accepts only boolean expression

QUESTION 6:

Consider the following program:



```
String animal = "GOAT";  
switch(animal)  
{  
    break: System.out.println("DOMESTIC");  
}
```

What is the output of the Java program given above?

- A) No output
- B) GOAT
- C) DOMESTIC
- D) Compiler error

Answer D

Explanation:

Case statements should start with either "case" or "default" only.

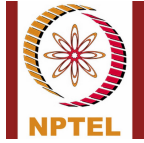
QUESTION 7:

Consider the following program:

```
public class Question  
{  
    public static void main(String[] args) {  
        String str = "january java nptel."  
        System.out.println(str.charAt(7)+str.  
substring(9, 12));  
    }  
}
```

What is the output of the following program?

- a. java



- b. ava
- c. y java
- d. january

Correct Answer: b

Detailed Solution:

QUESTION 8:

Which of the following statements would cause a compilation error?

- a. `float[] = new float(3);`
- b. `float f2[] = new float[];`
- c. `float[] f1 = new float[3];`
- d. `float f3[] = new float[3];`
- e. `float f5[]={ 1.0f, 2.0f, 2.0f };`
- f. `float f4[] = new float[] { 1.0f, 2.0f, 3.0f};`

Correct Answer: a, b

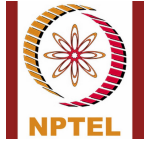
Detailed Solution:

Option (c), (d), (e) and (f) are syntactically correct for declaration of an array. (a), (b) will cause error.

QUESTION 9:

Consider the following piece of code in Java.

```
public class Test {  
    public static void aMethod() throws Exception {  
        try {  
            throw new Exception();  
        }  
        finally {  
            System.out.print("finally ");  
        }  
    }  
}  
public static void main(String args[]){  
    try {  
        aMethod();  
    }  
    catch (Exception e) {
```



```
System.out.print("exception ");  
} finally {  
    System.out.print("finally ");  
}  
  
System.out.print("finished ");  
}  
}
```

What is the result, if the above-mentioned program is executed?

- a. finally
- b. finally exception finally finished
- c. finally exception finished
- d. Compilation fails

Correct Answer: b

Detailed Solution:

The program is syntactically correct and here for two try blocks.

QUESTION 10:

Which is a component in AWT that can contain another components like buttons, textfields, labels etc.?

- A) Window
- B) Container
- C) Panel
- D) Frame

Correct Answer: B

Detailed Solution:

The Container is a component in AWT that can contain another components like buttons, textfields, labels etc. The classes that extends Container class are known as container such as Frame, Dialog and Panel.

*****END*****