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NPTEL (<https://swayam.gov.in/explorer?ncCode=NPTEL>) » **Programming in Java (course)**[Announcements \(announcements\)](#) **About the Course** (https://swayam.gov.in/nd1_noc20_cs08/preview)[Ask a Question \(forum\)](#) [Progress \(student/home\)](#) [Mentor \(student/mentor\)](#)

Unit 13 - Week 11 :

Course outline

How does an NPTEL online course work?

Week 0 :

Week 1 :

Week 2 :

Week 3 :

Week 4 :

Week 5 :

Week 6 :

Week 7 :

Week 8 :

Week 9 :

Week 10 :

Week 11 :

Assignment 11

The due date for submitting this assignment has passed. **Due on 2020-04-15, 23:59 IST.**

Assignment submitted on 2020-04-15, 23:16 IST

1)

1 point

Which of the following statement is TRUE?

- a. SQL is a database management system based on relational algebra.
- b. SQL is a programming language like C, C++ and Java.
- c. SQL is case-sensitive.
- d. SQL is used in Java programs with JDBC to process data in DBMS.

- ☐ a.
- ☐ b.
- ☐ c.
- ☒ d.

Yes, the answer is correct.

Score: 1

Accepted Answers:

d.

2)

1 point

○ Lecture 51 :
JDBC—II (unit?
unit=12&lesson=65)

○ Lecture 52 :
JDBC—III (unit?
unit=12&lesson=66)

○ Lecture 53 :
Demonstration
—XX (unit?
unit=12&lesson=67)

○ Lecture 54 :
Demonstration
—XXI (unit?
unit=12&lesson=68)

○ Lecture 55 :
Demonstration
—XXII (unit?
unit=12&lesson=69)

● **Quiz :**
Assignment 11
(assessment?
name=186)

○ Java Week 11 :
Q1
(/noc20_cs08/progassignr
name=181)

○ Java Week 11:
Q2
(/noc20_cs08/progassignr
name=182)

○ Java Week 11 :
Q3
(/noc20_cs08/progassignment?
name=183)

○ Java Week 11 :
Q4
(/noc20_cs08/progassignment?
name=184)

○ Java Week 11 :
Q5
(/noc20_cs08/progassignr
name=185)

○ Feedback For
Week 11 (unit?
unit=12&lesson=196)

Week 12 :

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Assignment
Solution

The package, which is required to be imported for the JDBC programming?

- a. java.net
- b. java.sql
- c. java.lang
- d. java.io

- ☐ a.
- ☒ b.
- ☐ c.
- ☐ d.

Yes, the answer is correct.

Score: 1

Accepted Answers:

b.

3)

1 point

Which of the following SQL command(s) is/are used for entering a new record into a table, say TEST?

- a. SELECT
- b. CREATE
- c. INSERT
- d. UPDATE

- ☐ a.
- ☐ b.
- ☒ c.
- ☐ d.

Yes, the answer is correct.

Score: 1

Accepted Answers:

c.

4)

1 point

Which JDBC driver is efficient and always preferable for using JDBC applications?

- a. Type – 1
- b. Type – 2
- c. Type – 3
- d. Type – 4

- ☐ a.
- ☐ b.
- ☐ c.

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Session**☒ d.

Yes, the answer is correct.

Score: 1

Accepted Answers:

d.

5)

1 point

In JDBC, all raw data types (including binary documents or images) should be read and uploaded to the database as an array of

- a. int
- b. char
- c. byte
- d. String

☐ a.☐ b.☒ c.☐ d.

Yes, the answer is correct.

Score: 1

Accepted Answers:

c.

6)

1 point

Which of the following method(s) is/are used to set the query parameters of the PreparedStatement Object?

- a. putString()
- b. insertString()
- c. setString()
- d. setInt()

☐ a.☐ b.☒ c.☒ d.

Yes, the answer is correct.

Score: 1

Accepted Answers:

c.

d.

7)

1 point

Which of the statements are correct about JDBC transactions?

- a. A transaction is a set of successfully executed statements in the database
- b. A transaction is finished when commit() or rollback() is called on the Connection object,
- c. A transaction is finished when commit() or rollback() is called on the Transaction object
- d. A transaction is finished when close() is called on the Connection object.

☐ a.☒ b.

- ☐ c.
☒ d.

Yes, the answer is correct.

Score: 1

Accepted Answers:

- b.
d.

8) **Which one of the following contains date information?**

1 point

- a. java.sql.TimeStamp
b. java.sql.Time
c. java.io.Time
d. java.io.TimeStamp

- ☒ a.
☐ b.
☐ c.
☐ d.

Yes, the answer is correct.

Score: 1

Accepted Answers:

- a.

9)

1 point

Execution of SQL command like `SELECT * FROM myTable` using JDBC program will return a `ResultSet` object. This object is

- a. Same as the myTable.
b. All records in verbatim from the table.
c. All records in verbatim from the table but those records with null values.
d. All records in verbatim from the table but those records are not with null values.

- ☒ a.
☐ b.
☐ c.
☐ d.

No, the answer is incorrect.

Score: 0

Accepted Answers:

- b.

10)

1 point

The following is a statement in Java using JDBC.

```
Connection con = DriverManager.getConnection  
("jdbc:mysql://localhost:3306/nptel","joy","java");
```

Which of the following statement is **FALSE**?

- a. 3306 is the default MySQL port.
- b. Database name is '*nptel*'
- c. The database server is hosted on IP 127.0.0.1
- d. Password for '*java*' user is '*joy*'

- ☐ a.
- ☐ b.
- ☐ c.
- ☒ d.

Yes, the answer is correct.

Score: 1

Accepted Answers:

d.