



RV Educational institutions  
**RV Institute of Technology and Management**  
 (Affiliated to Visvesvaraya Technological University , Belagavi & Approved by AICTE, New Delhi)  
 Chaitanya Layout , JP Nagar 8<sup>th</sup> Phase , Kothanur, Bengaluru-560076  
 Department of Information Science Engineering

## Question Bank

**Subject: Advanced java**  
**Sem: IV**

**Subject Code: BIS402**  
**Faculty: Dr. Vinoth Kumar M**  
**Dr. Kiran Kumar K**

### Module 5

Q. No.	Questions	Year / Marks
1	What are database drivers? Explain the different JDBC driver types.	Aug. 22 / 8 Marks
2	Describe the various steps of JDBC with code snippets.	Aug. 22 / 10 Marks
3	Write any two syntax of established a connection to a database.	Aug. 22 / 8 Marks
4	What is connection pooling? Explain connection pooling with neat diagrams with code snippet	Aug. 22 / 10 Marks
5	Describe the following concepts: (i) Scrollable result set                      (ii) Callable statement (iii) Transaction processing                  (iv) Updatable result set	Aug. 22 / 10 Marks
6	What is JDBC? Explain the different JDBC driver types.	Jan 24 / 10 Marks
7	What is statement object in JDBC? Explain the following statement objects with example: (i) Preparedstatement                  (ii) Collablestatement	Jan 24 / 10 Marks
8	Explain Scrollable ResultSet and Updatable ResultSet in JDBC	Jan 24 / 10 Marks
9	Explain transaction processing in JDBC	Jan 24 / 6 Marks
10	Explain the types of exception occurred in JDBC	Jan 24 / 4 Marks
11	Write a program to connect to database with following information: Driver: JDBC/ODBC bridge URL: "jdbc.odbc:Ex" username: "xyz" password: "123" Retrieve all rows with marks > 60. Assume the following table: Table Name; STUDENT Fields: USN_Varchar (20), Marks_int, Name_Varchar (25)	Sep. 20 / 10 Marks
12	Explain the different types of statement object with example.	Sep. 20 / 6 Marks

13	Discuss the Scrollable ResultSet in JDBC	Sep. 20 / 4 Marks
14	Write a Java program to open a connection with a database	Sep. 20 / 4 Marks
15	Mention all the steps to create the association between the database and the JDBC/ODBC bridge.	Sep. 20 / 12 Marks
16	Write the Java program to connect to data base using URL and to connect data base using user ID and password.	Sep. 20 / 8 Marks
17	Describe the following concepts i) Scrollable Result set ii) Callable statement iii) Transaction processing iv) Updatable Result set	Sep. 20 / 8 Marks