**DEPARTMENT OF INFORMATION TECHNOLOGY::VRSEC**

**20IT3603- Web Programming and Development**

**ASSIGNMENT-1 QUESTION BANK**

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| --- | --- | --- | --- | --- |
| **Q.No** | | **Question** | **Course Outcome** | **BTL** |
| **1** | **a** | Elaborate different types of drivers available to connect to database in Java with merits and demerits | **CO1** | **Understand** |
| **b** | Create a Java Program to connect to MS-Access database which contain the following table   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Serial Number** | **Product number** | **Produce name** | **Price** | **Quantity available** | |  |  |  |  |  |   Write a program to display all the contents of the table using Statement interface | **CO1** | **Apply** |
| **2** | **a** | Discuss about the process involved to connect to a database | **CO1** | **Understand** |
| **b** | Illustrate with a given table how to connect to a database and perform the CRUD operations with a Java Program   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Serial Number** | **Book Number** | **Book name** | **Price** | **Publisher name** | |  |  |  |  |  | | **CO1** | **Apply** |
| **3** | **a** | What is the purpose of ResultSet interface. How to process the data using ResultSet Object | **CO1** | **Analyze** |
| **b** | Illustrate with a Java program how to process the results with ResultSet Object with an example | **CO1** | **Apply** |
| **4** | **a** | Sketch the four types of drivers and its usage with a neat diagram | **CO1** | **Understand** |
| **b** | Write a Java Program to Join Contents of More than One Table and Display in JDBC | **CO1** | **Apply** |
| **5** | **a** | What are the methods available in Statement interface and write the syntax of them | **CO1** | **Understand** |
| **b** | Create a table Person with the following fields  PersonID int,  LastName varchar(255),  FirstName varchar(255),  Address varchar(255),  City varchar(255)  Write a JDBC program to connect to the database and delete a column from the table | **CO1** | **Apply** |
| **6** | **a** | List and explain various types of Statement interfaces available in JDBC | **CO1** | **Understand** |
|  | **b** | Create a table Student with 6 fields and perform the select operation using Prepared Statement | **CO1** | **Apply** |