**Views Exercise**

**Learning Goal: understanding Views**

**Answer question 1, 2 and 3. For question 1 and 2 select option a or option b.**

1. **A view is:**
   1. **a real table in a database.**
   2. **a virtual table that does not have its data on its own rather the data is defined from one or more underlying base tables**

**A: The correct answer is B.**

1. **When a view is created with the WITH CASCADED CHECK OPTION specified then:**
   1. **the WHERE conditions of all dependent views are checked when a row is inserted or updated.**
   2. **the WHERE conditions of only those dependent views that have the WITH LOCAL CHECK OPTION or WITH CASCADED CHECK OPTION are checked when a row is inserted or updated.**

**A: Correct answer is A.**

1. **Create a view called CompanyView from Company table. This view will only comprise the following columns from the Company table, id, name, and age. Give the code to create the view.**

**Company**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| id | name | age | address | salary |
| 1 | Ann | 32 | Dublin | 35000.0 |
| 2 | Barry | 34 | Galway | 41000.0 |
| 3 | Cara | 28 | Kilkenny | 37000.0 |
| 4 | Dan | 21 | Cork | 43000.0 |

A:

CREATE VIEW CompanyView

AS

SELECT id, name, age

FROM Company