**25**

**1)**

| **Feature** | **Row-Level Trigger** | **Statement-Level Trigger** |
| --- | --- | --- |
| **Fired** | **Once for each row affected by the operation.** | **Once for the entire SQL statement.** |
| **Access to affected rows** | **Has access to the values of individual rows (using :NEW and :OLD pseudorecords).** | **Does not have access to the values of individual rows.** |
| **Use Case** | **Used when you need to perform actions on each row (e.g., validation, auditing per row).** | **Used for actions that apply to the statement as a whole (e.g., logging, counting affected rows).** |
| **Syntax** | **FOR EACH ROW keyword is used.** | **No FOR EACH ROW keyword is used.** |

**2)** **CREATE OR REPLACE TRIGGER salary\_check\_trigger**

**BEFORE UPDATE ON EMP**

**FOR EACH ROW**

**BEGIN**

**-- Check if the new salary is below 5000**

**IF :NEW.sal < 5000 THEN**

**-- Raise an error if the salary is below 5000**

**RAISE\_APPLICATION\_ERROR(-20001, 'Salary cannot be below 5000.');**

**END IF;**

**END salary\_check\_trigger;**