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**MGT-02**

**Trainer: Mr. Ashish Gavshinde Date:**

1. What is the installSchema class in Magento and what it does do?
2. What is the installData class in Magento and what it does do?
3. What is the upgradeSchema class in Magento and what it does do?
4. What is the upgradeData class in Magento and what it does do?
5. What is the db\_schema.xml file in Magento and what it does do?
6. Perform these action(s) using installSchema class:  
   A. Create table: mit\_blogger\_categories (id(int primary), category\_code(char 64), category\_name(char 64), category\_description(char 64), created\_at(timestamp), updated\_at(timestamp))  
   B. Update table: change category\_code and category\_name type from ‘char’ to ‘varchar’.  
   C. Update table: change category\_description type from ‘char’ to ‘varchar’ and change its length to 64K or more than 1000 length.  
   D. Delete a column. (category\_code)
7. Perform these action(s) using installData class:  
   A. Add new data in the ‘mit\_blogger\_categories’ table.  
   B. Update existing data of a row in the ‘mit\_blogger\_categories’ table.  
   C. Delete existing data of a row in the ‘mit\_blogger\_categories’ table.  
   D. Add multiple new data (4-5 Rows) in the ‘mit\_blogger\_categories’ table.  
   E. Update multiple existing data (4-5 Rows) in the ‘mit\_blogger\_categories’ table.  
   F. Delete existing row data (4-5 Rows) of the ‘mit\_blogger\_categories’ table.
8. Perform these action(s) using upgradeSchema class:  
   A. Create table: mit\_blogger\_post (`id` int(10) NOT NULL AUTO\_INCREMENT PRIMARY KEY, `category\_id` int(10), `title` varchar(255), `content` text, `aurthor\_firstname` varchar(64), `aurthor\_lastname` varchar(64), `created\_at`, `updated\_at`)
9. Perform these action(s) using upgradeData class:  
   A. Add new data in the ‘mit\_blogger\_post’ table.  
   B. Update existing data of a row in the ‘mit\_blogger\_post’ table.  
   C. Delete existing data of a row in the ‘mit\_blogger\_post’ table.  
   D. Add multiple new data (4-5 Rows) in the ‘mit\_blogger\_post’ table.  
   E. Update multiple existing data (4-5 Rows) in the ‘mit\_blogger\_post’ table.  
   F. Delete existing row data (4-5 Rows) of the ‘mit\_blogger\_post’ table.