2 (a)

CREATE TABLE department (

dept\_ID INT AUTO\_INCREMENT PRIMARY KEY,

dept\_name VARCHAR(20),

building VARCHAR(50),

budget NUMERIC(12,2)

);

`This SQL command creates a table named "department" with columns for `dept\_ID`, `dept\_name`, `building`, and `budget`. The `dept\_ID` column is set as the primary key with an auto-incrementing attribute.

(b)

INSERT INTO department (dept\_name, building, budget)

VALUES

('Finance', 'Finance Building', 50000.00),

('Marketing', 'Marketing Tower', 75000.00),

('HR', 'HR Office', 60000.00),

('IT', 'IT Center', 80000.00),

('Operations', 'Operations Complex', 70000.00);

This command inserts five entries into the "department" table, with sample values for `dept\_name`, `building`, and `budget`.