SAMPLE PAPER : Programming Test.   **Time:90 Min**

Category: System Analyst

ABC company records data relating to insurance agents and customers. Create a database and GUI to save data relating to the Agents and Customers. The complete details relating to the policies is to be captured like policy no., date, customer name, policy amount, commission earned by the Agent. The commission percentage for agent is fixed different type of schemes and to be calculated automatically, as per the Scheme selected by the Customer and the Policy amount.

Show reports regarding detail of Policies done by agents between two dates and detail of commission earned by agents.

SAMPLE PAPER: Programming Test.

Time:90 Min

B

Category: Programmer

ABC company records data relating to insurance agents and customers. Following are the type of schemes available and commission percentage, schemewise, for agent:

	Name of the Scheme	Commission to Agent
1.	A	2%
2.	B	2.7%
3.	C	3.3%

1. Create an application to save data relating to the agents and customers using the following database tables:-

   a. Agent_Master

Field Name	DataType	Remarks
Agent_No	Integer	Primary Key (AutoNumber)
Agent_Name	Varchar	

   b. Scheme_Master

Field Name	DataType	Remarks
Scheme_no.	Integer	Primary Key (AutoNumber)
Scheme_Name	Varchar	
Commission	Decimal	As per detail mentioned above

   c. Policy_Details

Field Name	DataType	Remarks
Policy_No	Integer	Primary Key (AutoNumber)
Date1	Date	
Scheme_no.	Integer	Foreign Key
Agent_No	Integer	Foreign Key
CustomerName	Varchar	
Policy Amount	Integer	
Commission	Decimal	To be calculated automatically from Scheme Master

2. Make at least 5 manual entries in master table Agent_Master and 3 entries in Scheme_Master.

3. Create a GUI to save data in Policy_Details table as per the conditions mentioned above. Use dropdownlist to display Scheme and Agent.

4. Reports:

   a. The detail of Policies done by agents:

Agent	Scheme	No. of policies

   a. The detail of commission earned by agents:

Agent	Commission

Note: Incorporate proper Checks & Validations.