**Objective**

· Develop an ability to identify Test data based on requirements

Instruction to Students

Read following requirements and identify what data you will use for thoroughly testing the requirements.

**Use all techniques**.

**Requirement 1**

1. A field accepts email ID. List all possible invalid email IDs which should give you error after entering.

**Requirement 2**

1. Insurance company provides medical insurance to people. People need to fill form where following information is required in addition to other data

1. User can select birthdate using calendar control and age gets automatically calculated
2. There are two checkboxes to mark if the person has Blood pressure or Diabetes disease.
3. There is dropdown to select ‘Yes / No’ for ‘Suffered Cardiac arrest ( heart attack)

2. Insurance is offered only to the people between age 18 to 65, both inclusive

3. For a scheme, base insurance premium for all is Rs 3000 per year.

4. However, there are some additional criteria.

1. For the person having age equal and above 50, if person has either Blood pressure or Diabetes, he needs to pay additional Rs 500
2. For the person below age of 50, if the person has BOTH Blood pressure and Diabetes, he needs to pay additional Rs 300
3. For any age, if the person has already suffered Cardiac arrest ( heart attack), he needs to pay additional Rs 800

5.     Create a data table as follows. – Assume that testing is done on 1st January 2016.

|  |  |  |
| --- | --- | --- |
| Data Value (Birthdate) | Disease | Expected Result (Premium amount) |
|  |  |  |
|  |  |  |

**Requirement 3**

1. For credit card company, its ‘Platinum’ category of customers get 2 reward points for every Rs 150 purchase done using credit card. Example – If he shops for Rs 1500, he would get 20 points. If he shops for Rs 7600, he would get 100 points (for Rs 7500, nearest multiple of 150)

2. ‘Gold’ category customers get 1 reward point for every Rs 100 shopping.

3. ‘Silver’ category customers do not get any reward point.

4. Maximum points which customers get can be 100 at a time.

5. Minimum shopping amount should be Rs750 to get reward points

Create a data table as follows by applying all techniques

|  |  |  |
| --- | --- | --- |
| Type of customer | Shopping amount | Expected Result (Reward points added) |
|  |  |  |
|  |  |  |