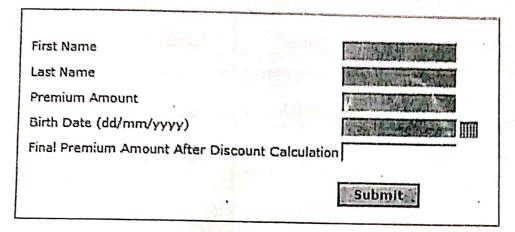## Descriptive Questions:

Note: Each question is for 4 marks and will take approximately 4 to 5 mins for answering.

Question 1: Assume that you are doing black box testing of below shown screen:

First Name

Last Name

Premium Amount

Birth Date (dd/mm/yyyy)

Final Premium Amount After Discount Calculation

Submit

Requirements:
- If person's age is between 18 and 30 inclusive, then he / she will receive a 20% discount on premium amount.
- If person's age is less than 18, on submit program will give message "You are too young to be insured."
- Anyone over 30 is not eligible for a discount.

For which different input and output conditions you will perform the black box testing of above screen?

Note:
1. *Do not write conditions for first two fields.*
2. *Final Premium Amount after Discount Calculation: is auto calculated by program on pressing the 'submit' button, so it is not editable.*
3. *Assume that field level validations are done.*

Question 2: What will you test exclusively for a web based application (not applicable for desktop application) and why?

Question 3: A team leader has asked for your help in designing a Template for Defect Reporting and tracking. List out the fields that you would have in the template.

Question 4: Read the defect description from the below table and write the appropriate severity and priority in next two columns.

	Defect Description	Severity (High/Low)	Priority (High/Low)
1	The application crashes whenever a person enters 50+ chars in a phone number text box.	Low	Low
2	There is a spelling mistake in an error message.	Low	Low
3	Home Page in web application has misspelled client name.	Low	High
4	Suppose you are doing online shopping and filled payment information. After submitting the form, you get a message like "Order has been cancelled" and program rejects your application, even though all the data entered by you is valid.	High	High
5	As per business requirement, normally 100 users would access an application but when it is tested with 200 users it crashes.	Low	Low
6	When you click on home on a sub page, the Company logo disappears.	Low	High
7	Font Size of the text from one page to another page is varying slightly.	Low	Low
8	Assume that you are testing the Addition operation functionality of Calculator: Output on Pressing 2+2=7	High	High

Question 5: Read the test description from below table and write the appropriate name of the testing method in the next column. (No need of any explanation)

	Test Description	Testing Method
1	Amount field should accept amount between $100.00 and $1000.00 You need to test this amount field with following input conditions: 99,100,101,999,1000,1001	
2	You are testing a web page for navigation links.	
3	You are testing an application to make sure that any unauthorized user should not get access to the system.	
4	You are testing an application to make sure that it works fine on Windows XP as well as on Windows 7.	
5	Assume that there are two different applications: 1. HR System 2. Payroll Processing system. Payroll Processing system accepts monthly attendance data of employees from HR system to process the salaries. You are testing to make sure that transfer of employee attendance data between these two systems happens correctly.	
6	The number of simultaneous user limit for the application is 100 in normal conditions and you are testing application with 150 users logged in at a time.	
7	Checking the basic important features (functionalities) of an application, before taking it to testing in depth.	
8	Testing by customer at their own location.	beta testing

Objective Questions:

Note: Each question is for 1 mark and will take a minute for answering.

1. You have been given a limited time to test an application, so what will be your objective:
   a) Find as many critical faults as possible
   b) Test critical functions
   c) Include some tests from each functionality.
   d) Test whatever is easiest to test.

2. A program validates an integer field as follows:
   "values less than 10 are rejected, values between 10 and 21 are accepted, values greater than or equal to 22 are rejected"
   which of the following covers the MOST boundary values??
   a) 9, 10, 11, 22
   b) 9, 10, 21, 22 .
   c) 10, 11, 21, 22
   d) 10, 11, 20, 21

3. Quality has been defined as:
   a) Meeting Requirements
   b) Zero Defects
   c) Customer Satisfaction
   d) All of the above
   e) (a) and (c)

4. Benefits of using Traceability Matrix:
   1. Make obvious to the client that the software is being developed as per the requirements.
   2. Guaranties a defect free software.
   3. To make sure that all requirements are included in the test cases.
   4. If there is a change request for a requirement, then we can easily find out which test cases need to update.

   a) Points 1st and 2nd are true.
   b) Points 1st, 2nd and 3rd are true.
   c) All the points are true.
   d) Points 1st, 3rd and 4th are true.

5. The difference between re-testing and regression testing is:
   a) re-testing is running a test again; regression testing looks for unexpected side effects
   b) re-testing looks for unexpected side effects; regression testing is repeating those tests

c) re-testing is done after faults are fixed; regression testing is done earlier

d) re-testing uses different environments, regression testing uses the same environment

e) re-testing is done by developers, regression testing is done by independent testers

6. One of the fields on a form contains a text box which accepts alpha numeric values. Identify the Valid Equivalence class.
   a) Book01
   b) Book
   c) BOOK01
   d) BOOK
   e) 0book

   Justification for above in brief: --

   ----

7. If you were to test a shopping portal, then which of the following would represent the least priority objective:
   a) Help buyers to reach the product easily
   b) Security of crèdit card info.
   c) Make it easy to complete a purchase
   d) Make the site aesthetically pleasing to the user.

8. As per V – model, which of the following methods are more effective to get a product with minimum defects:
   a) Verification
   b) Testing
   c) Validation
   d) All are equally effective

9. Following element should not be part of test specification:
   a) Step Name
   b) Step Instruction
   c) Verify
   d) Actual Result

10. Automation testing for an application can be started:
    a) While preparing SRS
    b) When product is in stable state.
    c) After sanity testing has been done.
    d) When product is completely developed and ready for testing.