

PGDM (Insurance Business Management), 2012-14
Business Analysis
INS-403

Trimester – IV, End-Term Examination: September 2013

Time allowed: 2 hrs 30 min

Max Marks: 50

Roll No: _____

Instruction: Students are required to write Roll No on every page of the question paper, writing anything except the Roll No will be treated as **Unfair Means**. In case of rough work please use answer sheet.

Section – A, Attempt any three question (3*5 = 15 marks)

- 1) What is the difference between Black Box testing and White Box Testing. Explain with examples?
- 2) What is Stakeholders management in SDLC. Mention different stakeholders involved in SDLC with their roles and responsibilities?
- 3) What is Defect Management. Explain in detail?
- 4) Name and describe and 3 SDLC models?
- 5) Name only the Inputs, Tasks & Outputs of Requirement Analysis process?

Section – B, Attempt any two question (2*10 = 20 marks)

- 1) Describe SDLC process in details. Its phases and how roles of different stakeholders in the SDLC process?
- 2) Difference between the following-
 - a. Functional Testing Vs Non-Functional Testing
 - b. Exploratory Testing Vs Monkey Testing
 - c. Equivalence Class Partitioning Vs Boundary Value Analysis
 - d. Condition Coverage Vs Decision Coverage
 - e. Sanity Testing Vs Smoke testing
- 3) Explain in detail Requirement Prioritization process. Its purpose, Basis of prioritization and challenges in prioritization of requirements?

Section – C, Compulsory Case Study (15 marks)

Customer

ANZ Bank, Bonus Bonds

Industry

Financial Services

Business need

ANZ Bank's Bonus Bonds needed to transform its product to grow its customer base while reducing the costs of enhancing the legacy application. This could only be achieved by modernizing the application using recent tools and databases, taking it on-line, and increasing its reach.

Vendor – Datacom Technologies

Case –

Next generation requires innovation

Bonus Bonds is New Zealand's largest retail unit trust (\$2.8B), which is managed by the ANZ Bank, with over one million customers. The strong Kiwi brand offers a unique product as the bonds can be redeemed at any time for the value at which they were purchased.

Bonus Bonds wanted to develop its systems capabilities to:

- expand its customer reach, via a new online channel called MyBonusBonds;
- modernise its core operating platform and infrastructure;
- reduce support costs and improve maintainability of the application;
- ensure continuity of functionality with the old application; and
- modernise the data structure of the database.

Experience delivers top solution

Datacom worked to a challenging schedule to completely overhaul a complex legacy application at a highly competitive price, without resorting to code conversion or other shortcuts with maintenance issues.

During the project, Datacom was able to work with the bank's internal teams to ensure Datacom's approach aligned very closely with ANZ's wider architectural requirements; this ensured Bonus Bonds purchased a solution that would not fall out of step with its enterprise architecture.

Datacom approached the project to be technology agnostic, putting in the components that best met Bonus Bonds needs instead of pushing one product or technology stack due to restrictive product relationships. This demonstrated value and a good understanding of ANZ's business

The transformation of the Bonus Bonds systems has helped to ensure that Bonus Bonds will remain a favourite with New Zealand investors for years to come.

Questions to Answer-

- 1) Mention all the stakeholders who were a part of this development?
- 2) What would be the requirement items covered under requirement gathering and analysis phase?
- 3) Was this project a development project or migration project or both and why?
- 4) Which all types of software testing done under the project with mention of phases?
- 5) What would be the role of Business Analyst of the development team in this project?
- 6) Which is/are the new application the client asked for implementation and for which requirement?
- 7) Mention all the client's requirements as a part of this project and prioritize those if you would have been the BA in the project?
- 8) Which SDLC model would you suggest for this project?