BITH 341 Systems Analysis and Design

1 Describe the role and responsibilities of the following:

i)   Business analysts,
ii)   Stakeholders.   [10]

b) Describe the phases of the System Development Life Cycle explaining the involvement of the two roles in part (a) in the relevant phases.   [10]

2 (a) Assume that you are in charge of designing software to be installed in bank ATM. Which kind of architecture would you choose? Give reasons for your selection and draw the architecture diagram of the system.   [10]

 (b) Draw flow-chart representation of branching and looping constructs.   [5]

(c) What do you mean by a layered architecture? What are the advantages of a layered architecture?   [5]

3(b) In the context of computer systems, explain each of the following concepts stating their importance to systems analysts in the development of information systems :

(i)   The systems approach

(ii)   Feedback

(iii)   open-loop system

(iv)   Boundary

(v)   Hierarchy   [10]

Submission status

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Grading status	Not marked
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