Rossmoyne SHS Computer Science ATAR 11

Unit 1: Systems Analysis and Design Topic Test

Name: _____

Time: 32 minutes   Marks: 32   Weighting: 3%

Instructions: Write your answers in the space provided on this question/answer sheet.

1.   List the **six (6)** phases of the system development life cycle (SDLC) in order.   (6 marks)

   Phase 1: _____
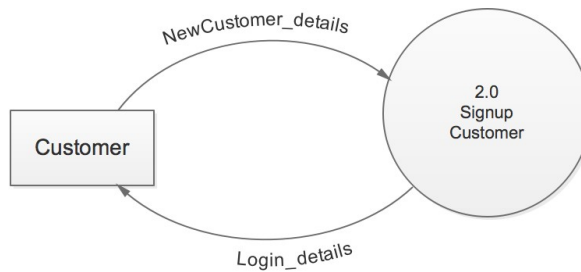
   Phase 2: _____

   Phase 3: _____

   Phase 4: _____

   Phase 5: _____

   Phase 6: _____

2.   Explain the purpose of a context diagram when analysing a system.   (2 marks)

   _____

   _____

   _____

   _____

1

3. The following diagram is an extract from a level 0 data flow diagram. Explain what the curved line with the label "NewCustomer_details" represents.   (2 marks)

_____

_____

_____

_____

4. Prototyping and the system development life cycle (SDLC) are both system development methodologies. Describe one way that prototyping differs from the SDLC.   (2 marks)

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2

End of Test