Test

Student's Name: **ID:**

I. *Draw a Sequence diagram for placing order in an internet bookstore. The diagram should show the interaction between a customer, internet store system and back office system and include all steps necessary to place an order - from browsing the catalogue to the checkout and forwarding order information to the back office. (5 pts)*

II. *Draw a Communication diagram showing the same process as the Sequence Diagram from Task #I. (5 pts)*

III. *Draw an Activity diagram for an internet auction - from the moment of the auction's creation to the moment the auction is moved to archive database . Use swimlanes.(5 pts)*

IV. *Draw a Statechart diagram for an internet auction - from the moment of the auction's creation to the moment the auction is moved to archive database (5 pts)*

V. *Answer the following questions:*

1. *What information can be shown on Sequence diagram but can't be shown on Communication diagram (1 pts)*

2. *What is the History pseudostate used for? (1 pt)*

3. *List the notation elements (with short descriptions) that may be used on Sequence diagrams (3 pts)*