

<b>Candidate forename</b>						<b>Candidate surname</b>				
<b>Centre number</b>						<b>Candidate number</b>				

**OXFORD CAMBRIDGE AND RSA EXAMINATIONS  
GCSE**

**A451/01  
COMPUTING**

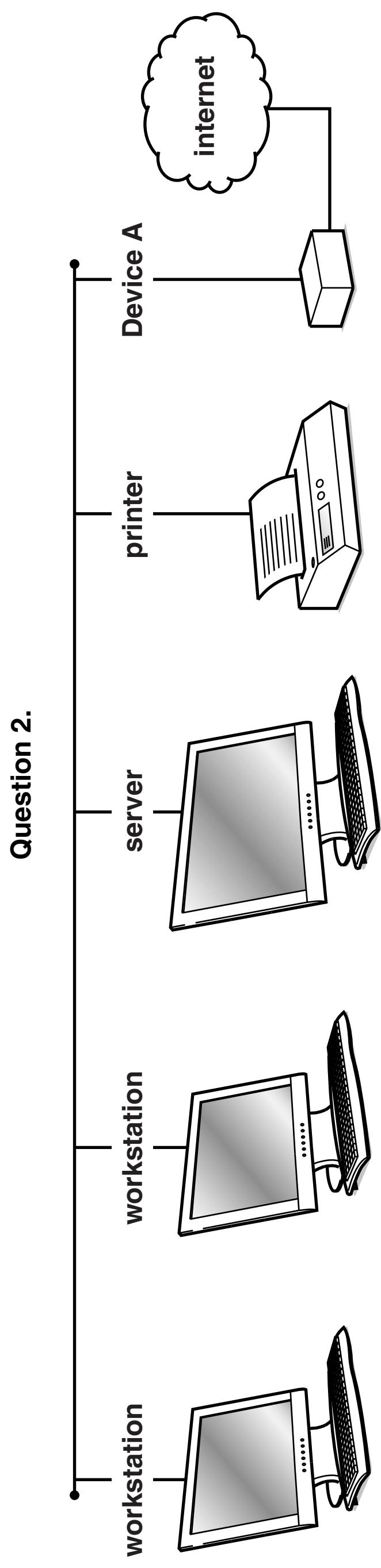
**Computer Systems and Programming**

**Data Booklet**

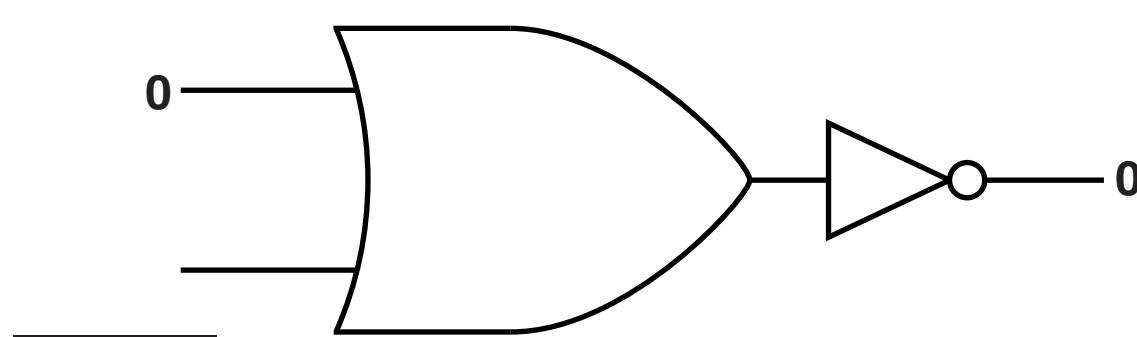
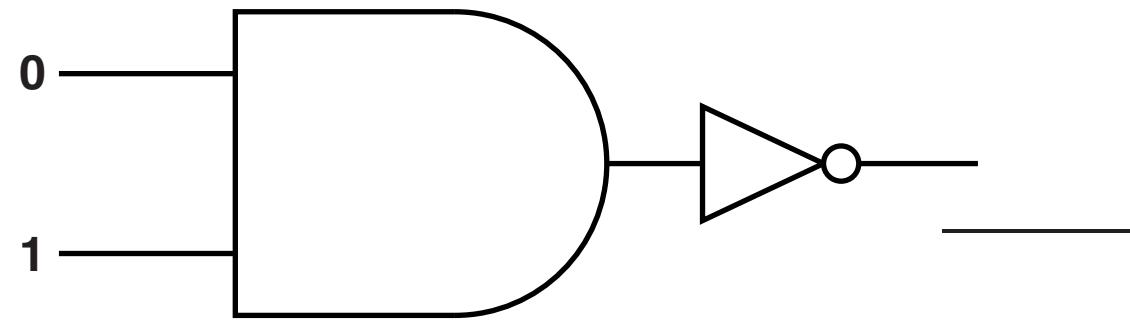
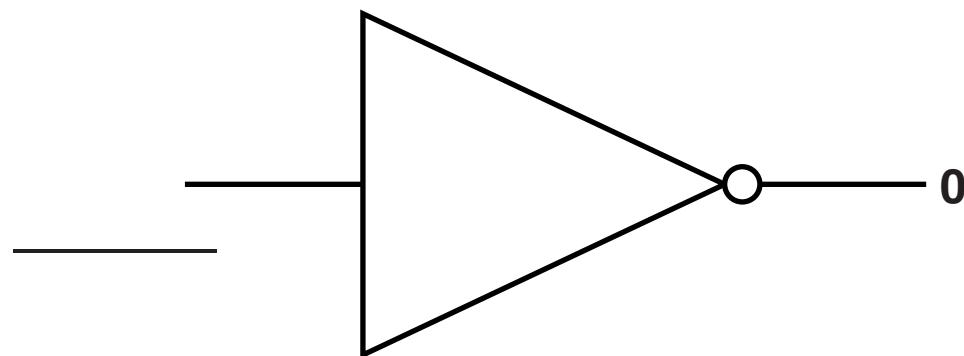
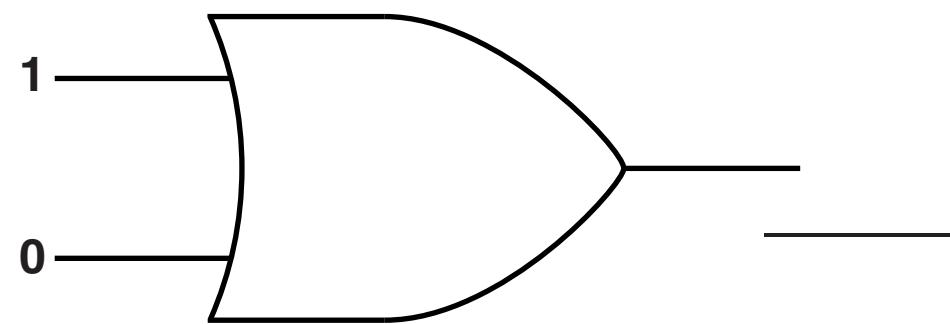
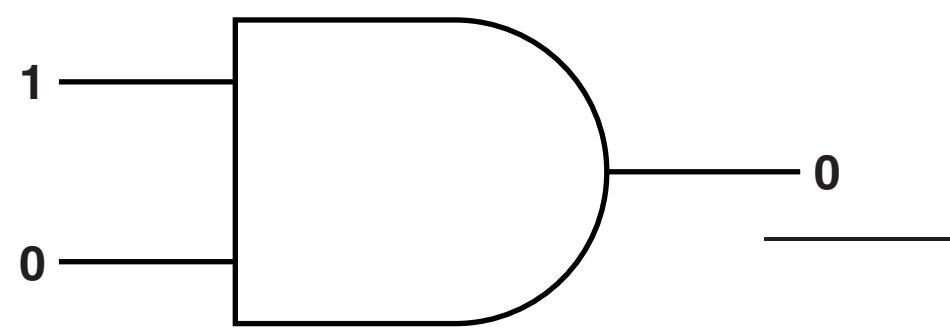
**THURSDAY 17 MAY 2012: Afternoon**

**DURATION: 1 hour 30 minutes  
plus your additional time allowance**

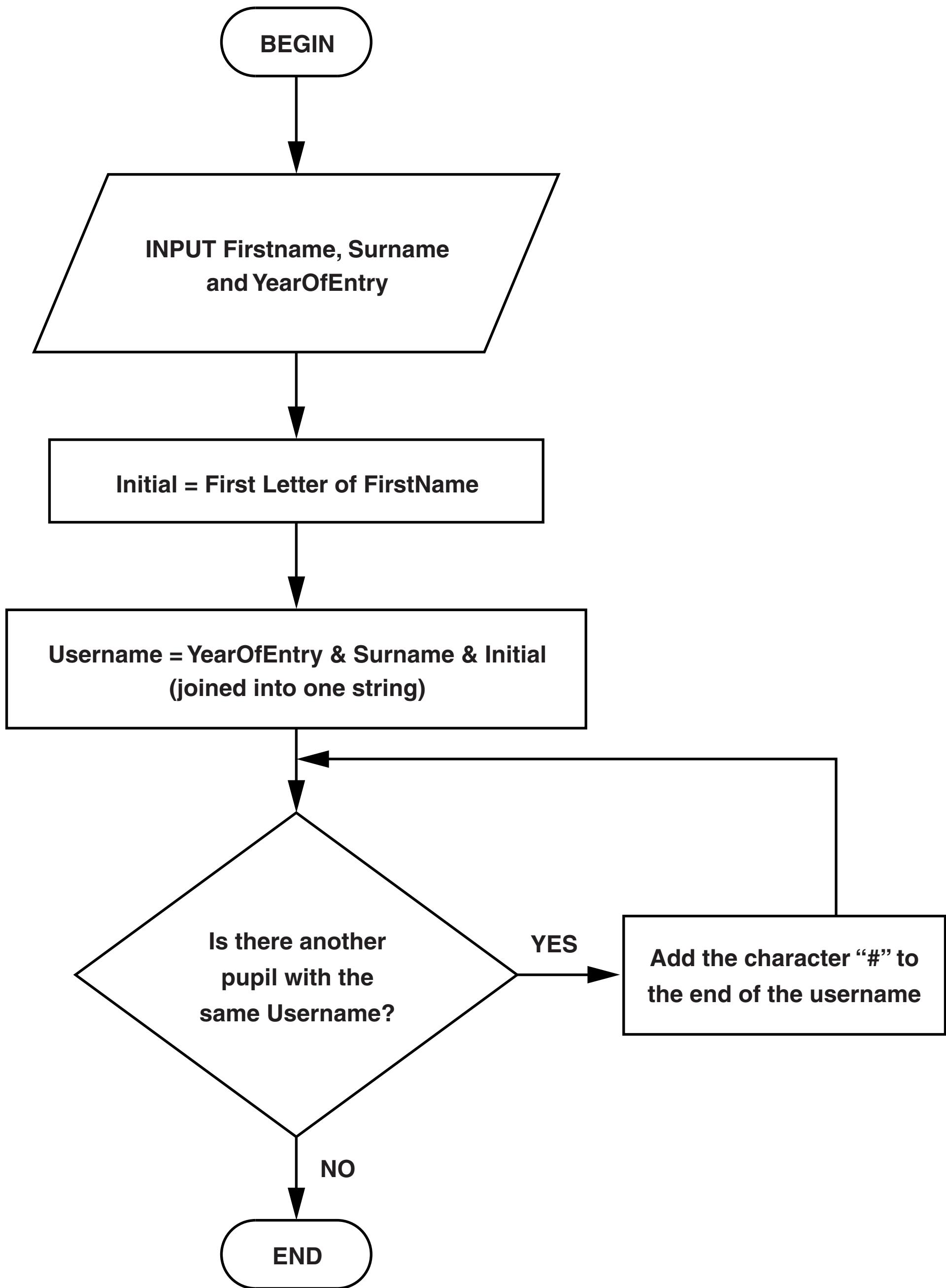
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**Question 3. Logic circuit.**



### Question 8. Flow diagram.



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