

REMARKS FOR 2014 EXAM

Question 2

You can skip part (b) since we used it as a definition. You can also skip part (d) since we didn't cover this proof.

Question 3

In part (c), you can ignore the word 'Zariski-open' since we didn't cover Zariski topology.

Question 4

In part (b), you can ignore the last question. Namely, you only need to show $L \cap C$ comprises at most 3 points, equal to 3 when counting with multiplicities.