

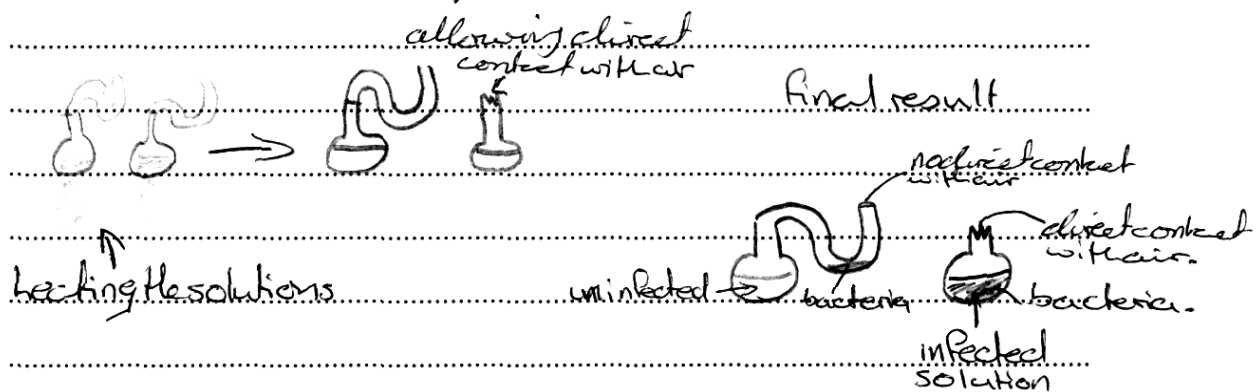
Marks

Question 27 (8 marks)

Evaluate the contributions made by both Louis Pasteur and Robert Koch to our present understanding of the causes and possible prevention of infectious diseases.

8

Louis Pasteur discovered that bacteria was in the air. He done this by setting up his famous swan neck experiment which consisted of two flasks, each filled with broth and boiled to kill any bacteria. After boiling the solution he broke one of the s-shaped necks of a flask to allow direct contact with the air. He then checked both flasks and discovered that the flask with direct contact with air developed ~~contaminated~~ bacteria.



Robert Koch also contributed to the discovery and understandings of infectious diseases through countless experiments and models that made him famous with the discovery of infectious diseases that harm our bodies.