Marks

Question 27 (8 marks)

Evaluate the contributions made by both Louis Pasteur and Robert Koch to our present 8 understanding of the causes and possible prevention of infectious diseases. Louise Pasteur & Robert Koch both recognised that unterious diseases were caused by micro-organisms. Louis Pasteur concluct an investigation using to 2 flasks of boiled broth to prove that disease containing spores existed in The air & not produced spontaneously on food etc. To prove this one flash was left open while the other flask contained a S- Shaped tube to stop The spores from entering the flask The energy to the open flask become contaminated while the broth in the S. Shaped flash remained uncontaminated as the spores became trapped in the bend. This process became known as pasteurisation & is used to culture muk & other products Kobert Koch conducted westig almons of the authrax clineane in coms & our then diseane to find their exact courses, etc. He wested a procedure which is still used to day to detemine discover the causes & ways to prevent them. By understanding the causes of diseases we are able to some clegree prevent them. The investigations of these I men how contributed to our understanding on how diseases are coursed, therefore allowing us to work on preventions & cieres