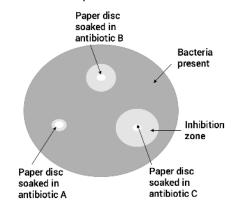


Reason: 25 degrees C [1] warm enough to allow (bacterial) enzymes to work close to their optimum/lower than body temperature/reduces the risk of culturing human pathogens [1]

[2 marks]



After culturing an uncontaminated species of bacteria, students at a school wanted to compare the effect of 3 different antibiotics A, B and C on the growth of the bacteria. The results of this experiment are shown below.





Which antibiotic; A, B or C was most effective against this bacteria? Explain your answer

[2 marks]

antibiotic C [1]

Biggest/widest inhibition zone/largest area of inhibition/largest area where bacteria were not able to grow [1]

