



Communicable Diseases

1 What is a pathogen?

- A microorganism that can cause disease

[1 mark]

2 What is a communicable disease?

- Diseases caused by pathogens that can spread from person to person

[1 mark]

3 A protist is a type of pathogen, name 3 more

- Viruses, bacteria, fungi

[3 marks]

4 State 3 ways that pathogens can spread and give an example in each case

- 1) Direct contact - athletes foot etc
- 2) Air droplets - measles or influenza etc
- 3) Contaminated food or drink - cholera, salmonella etc

Any other sensible answer such as via contaminated blood, via vectors etc

[6 marks]

5 State 3 ways that the spread of pathogens can be reduced and explain how each works

- 1) Wash hands/kitchen utensils - kills pathogens so they don't get passed on in contaminated food/drink
- 2) Vaccinations - people are immune so pathogen can't spread to them
- 3) Kill vectors - vectors can no longer transport the pathogen between hosts

Any other sensible answer such as quarantine people so other people are not exposed to it

[6 marks]

[Total 17 marks]