

# High School Biology

## Vaccination worksheet

1. Describe how vaccinations work. Make sure to use the terms macrophage, antigen, memory cells and antibodies in your description.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

2. John gets injected with the rubella vaccine but James does not. Soon afterwards, both boys are exposed to rubella. Explain why James gets ill but John doesn't.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

3. People are usually vaccinated against the diseases that are common within their own country. When they travel abroad they may need to get additional vaccines to protect them against diseases that are common in other countries

# High School Biology

## Vaccination worksheet

Look at the maps below which show the distribution of the diseases cholera, hepatitis A, polio and yellow fever. Which of these diseases would you recommend people were vaccinated against if they were travelling to:

a) Pakistan: .....

b) Kenya: .....

c) Peru: .....

