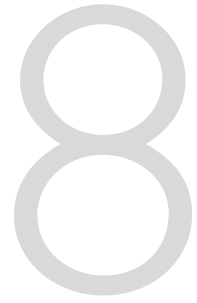


Allergy

Student Worksheet



Use pages 56 – 64 to help you to answer the following questions:

1. The immune system sometimes attacks substances which are not harmful to your body, causing the release of powerful chemicals. Name the three cell types involved in allergic responses (page 58):

- (i)
- (ii)
- (iii)

2. One of the chemicals released by the mast cells is histamine, which attaches itself to special receptors on muscle and nerve cells. Explain how anti-histamine drugs work (page 60).

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3. Are there any disadvantages to taking anti-histamine drugs (page 60)?

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4. What happens to a person who is suffering from asthma (pages 62 – 63)?

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5. Name (i) one country where asthma is common and (ii) one country where it is rare (page 62):

- (i)
- (ii)

6. Give two reasons why the number of cases of asthma vary in different parts of the world (page 62):

(i)

(ii)

7. Give two substances which can trigger an asthma attack (page 62):

(i)

(ii)

8. Name two factors which make an attack worse (page 62):

(i)

(ii)

9. Name a drug that relieves asthma symptoms and describe how this drug can be taken (p. 63):

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