
AQA A-LEVEL BIOLOGY PAPERS UNOFFICIAL| MARK SCHEME (2025)

1. what are killer t-cells? - **ANSWER** - cytotoxic cells

- bind to non-self antigens

2. how do killer t-cells work? - **ANSWER** 1. virus attaches to and enters host cell

2. viral DNA causes host cell to express viral antigens on its surface

3. killer t-cells attaches to viral antigens on infected cells

4. killer t-cells induces death of infected cell (apoptosis)

3. what is apoptosis? - **ANSWER** programmed cell death

4. how do killer t-cells destroy cancer? - **ANSWER** - cancerous = mutations

- mutations = abnormal antigens

- killer t-cell binds to abnormal antigens

- killer t-cells induces death of cancerous cell

5. What does perforin do? - **ANSWER** creates holes in the cell membranes in order to destroy the infected cell

6. what do helper t-cells do? - **ANSWER** - produce cytokines

- cytokines stimulate b-cells to divide into plasma and memory cells

- activate killer t-cells

7. define helper t-cells - **ANSWER** help humoral response by involvement in the maturation of b-cells and by triggering the production of antibodies by b-cells

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Enjoying the Beat of Phrase: An Psychological Symphony within **Unofficial Mark Scheme Biology June20edexcel**

In some sort of used by displays and the ceaseless chatter of immediate connection, the melodic elegance and emotional symphony created by the written term frequently fade in to the back ground, eclipsed by the relentless noise and interruptions that permeate our lives. Nevertheless, located within the pages of **Unofficial Mark Scheme Biology June20edexcel** an enchanting fictional treasure full of natural emotions, lies an immersive symphony waiting to be embraced. Constructed by an outstanding musician of language, this charming masterpiece conducts viewers on a psychological trip, well unraveling the hidden songs and profound impact resonating within each carefully constructed phrase. Within the depths of the emotional examination, we shall investigate the book is central harmonies, analyze its enthralling publishing style, and surrender ourselves to the profound resonance that echoes in the depths of readers souls.

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