

## CH1010

## Tutorial 8

**Name:**

1. Why is **oxidative phosphorylation** important in the catabolism of glucose? Provide a detailed energetic breakdown.
2. What is **chemiosmotic theory** and why is it important in **oxidative phosphorylation**?

3. What are the **five main steps** in **fatty acid synthesis**? What is the function of each step?

4. What are the various functions of **chlorophylls** during **photosynthesis**?