

Worksheet: Respiration in Plants

IB · Class 11 · Biology · 5 questions · 13 marks

Name: _____

Date: _____

Score: _____ / 13

Q1. What are the end products of alcoholic and lactic acid fermentation? *[2 marks]*

Q2. Where does glycolysis occur and what are its products? *[3 marks]*

Q3. What is the role of oxygen in aerobic respiration? *[2 marks]*

Q4. How many ATP molecules are produced from one glucose molecule in aerobic respiration? *[3 marks]*

Q5. Calculate the RQ for respiration of tripalmitin: $2 \text{C}_{51}\text{H}_{104}\text{O}_6 + 145 \text{O}_2 \rightarrow 102 \text{CO}_2 + 104 \text{H}_2\text{O}$. *[3 marks]*
