

## Worksheet: Respiration in Plants

Tamil Nadu State Board · 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:  $2 C_{51}H_{104}O_6 + 145 O_2 \rightarrow 102 CO_2 + 104 H_2O$ . *[3 marks]*

---

---

---