

## Worksheet: Plant Physiology — Transport

Tamil Nadu State Board · Class 11 · Biology · 5 questions · 12 marks

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_ / 12

**Q1.** What is guttation and what causes it? *[2 marks]*

---

---

---

**Q2.** What is the role of the Casparian strip? *[2 marks]*

---

---

---

**Q3.** What is the difference between the apoplast and symplast pathways of water movement? *[3 marks]*

---

---

---

**Q4.** Explain the cohesion-tension theory of water transport. *[3 marks]*

---

---

---

**Q5.** How do guard cells regulate stomatal opening? *[2 marks]*

---

---

---