

---

## Worksheet: Atmospheric Circulation and Weather Systems

Andhra Pradesh State Board · Class 11 · Geography · 3 questions · 12 marks

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

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

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

**Q1.** Why are the subtropical high-pressure belts (~30°N and S) associated with deserts? *[2 marks]*

---

---

---

**Q2.** Explain why tropical cyclones cannot form at the equator, and why they are called by different names in different oceans. *[4 marks]*

---

---

---

**Q3.** Describe the global pattern of pressure belts and planetary wind systems, explaining how their seasonal shift drives the Indian Monsoon. *[6 marks]*

---

---

---