

## Worksheet: Photosynthesis in Higher Plants

Tamil Nadu State Board · Class 11 · Biology · 5 questions · 17 marks

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

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

Score: \_\_\_\_\_ / 17

**Q1.** Differentiate between C3 and C4 plants. *[5 marks]*

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**Q2.** Why is photorespiration considered wasteful? *[3 marks]*

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**Q3.** Name the enzyme that fixes CO<sub>2</sub> in the Calvin cycle and state what is special about it. *[2 marks]*

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**Q4.** What is the significance of Kranz anatomy? *[2 marks]*

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**Q5.** What is the Z-scheme of electron transport in photosynthesis? *[5 marks]*

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