

Grade 12 Biology Evaluation Worksheet: Photosynthesis (Chapter 4)

Student Name: _____ Date: _____ Total Marks: 30

Answer Sheet

Marks Summary:

Section	Marks Available	Marks Achieved
Part A (MC)	8	
Part B (T/F & FITB)	10	
Part C (SA)	12	
TOTAL	30	

Part A: Multiple Choice (K/U - 8 Marks)

Q# Student Answer Marker Score

- 1.
 - 2.
 - 3.
 - 4.
 - 5.
 - 6.
 - 7.
 - 8.
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Part B: True/False and Fill-in-the-Blank (T/F - 10 Marks)

Section 1: True/False

Q# T/F Explanation (if False) Marker Score

9.

10.

11.

12.

Section 2: Fill-in-the-Blank

Q# Student Answer Marker Score

13.

14.

15.

16.

Part C: Short Answer and Application (C/A - 12 Marks)

17. Describing Reaction Systems (3 Marks)

Reaction Set	Input/Purpose	Output
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Light-Dependent Reactions		
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Light-Independent Reactions (Calvin Cycle)		
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17. Chemiosmosis and the Proton Gradient (4 Marks)

19. C3 vs. CAM Plant Adaptations (5 Marks)

a) Major Challenge (1 Mark)

b) CAM Adaptation (4 Marks)

Detailed Answer Key for Marker Use (30 Marks)