



Biochemistry Key Terms

Organic

_____ :

Inorganic

_____ :

Redox

_____ :

Co-enzymes

Phosphorylation

_____ :

Photo-
Phosphorylation

_____ :

Photolysis

_____ :

Electron Transport
Chain

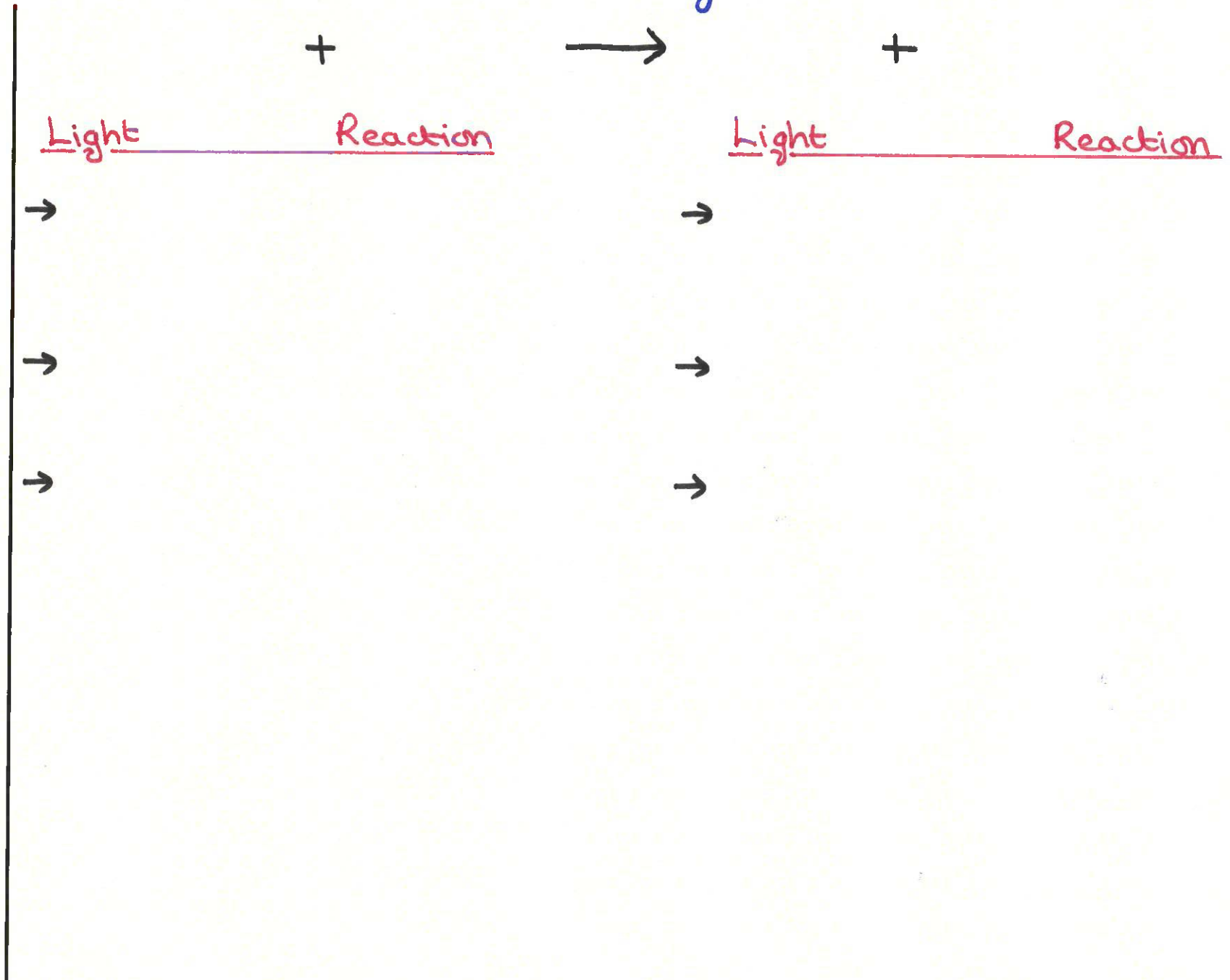
_____ :

Proton



Introduction to Photosynthesis

1 2 3 4 5





The Chloroplast

Chloroplast

_____ :

_____ :

Thylakoid



Stroma

Thylakoid



Grana

Lamellae

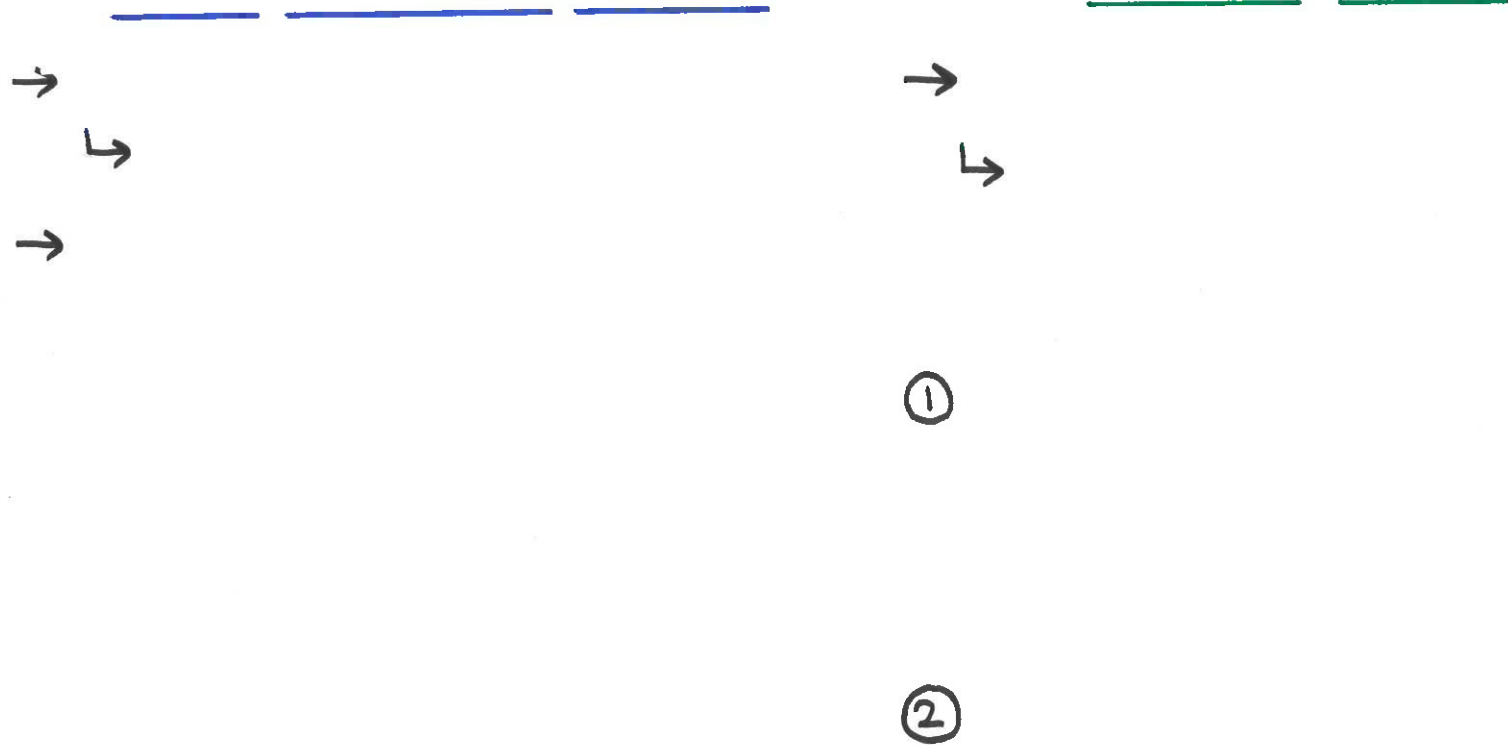
Starch Grain

Chloroplast DNA



Photosystems

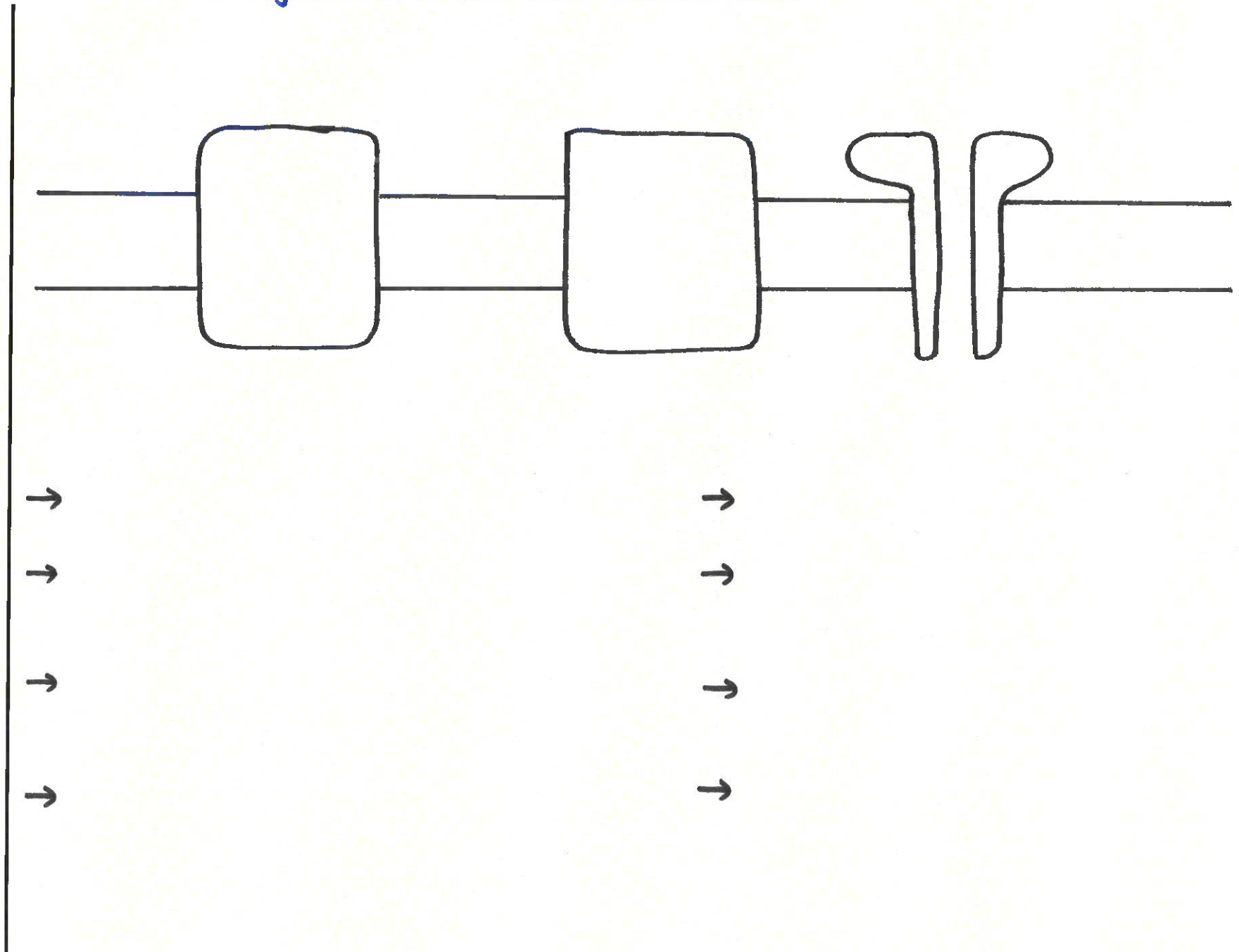
Photosystems have two parts :





The Light Dependent Reaction

1 2 3 4 5





Chemiosmotic Theory-

- 1
- 2
- 3
- 4
- 5

Chemiosmotic Theory-





Calvin Cycle

The Light Independent Reaction: The Calvin Cycle

- 1
- 2
- 3
- 4
- 5

_____:

The Calvin Cycle





Limiting Factors of Photosynthesis

1 2 3 4 5

