



# Introduction to Proteins

- 1
- 2
- 3
- 4
- 5

Proteins

\_\_\_\_\_ :  
\_\_\_\_\_ :

Amino Acids



Proteins



Types of Proteins





# Protein Structure

1 2 3 4 5

Primary  
Structure

Secondary  
Structure

Tertiary  
Structure

Quaternary  
Structure

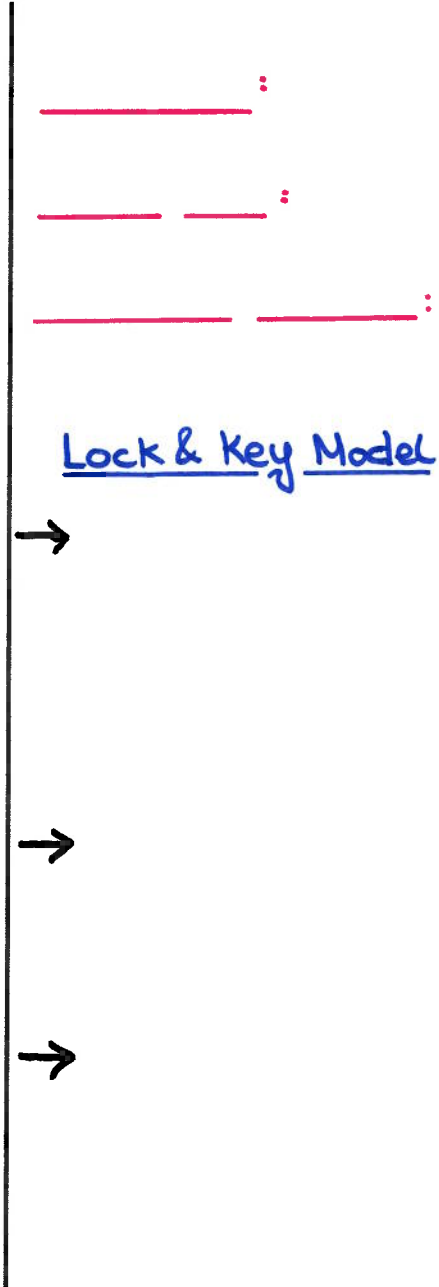


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Enzymes

# Enzymes

- 1
- 2
- 3
- 4
- 5



Lock & Key Model

Induced Fit Model

Enzymes

Active Site

Metabolic Pathway



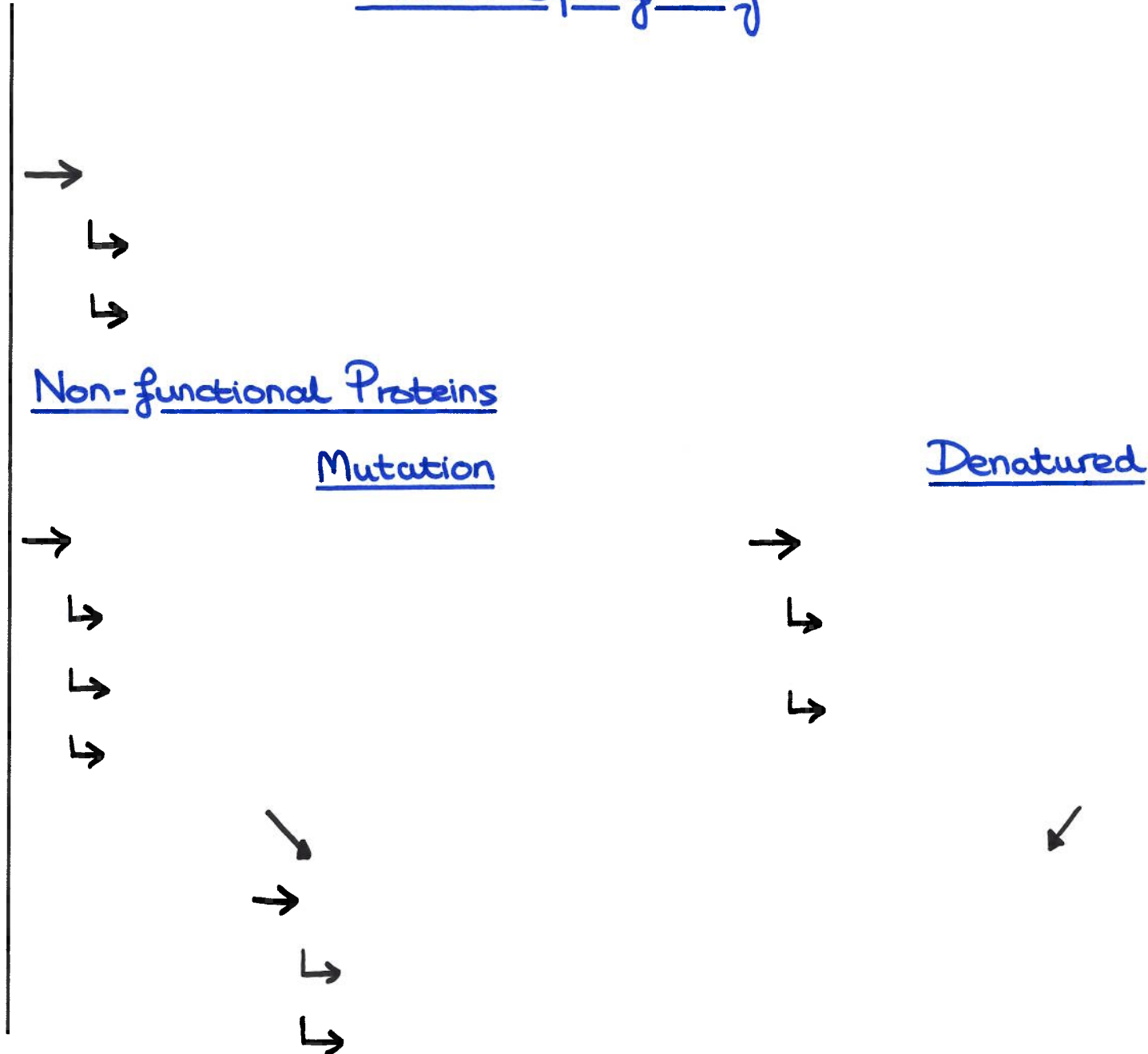
e.g.





# Protein Specificity

- 1
- 2
- 3
- 4
- 5





# Enzymes

1 2 3 4 5

1)

2)

3)

4)

5)



1)





# Enzyme Activity...

1 2 3 4 5

2) \_\_\_\_\_ (\_\_\_\_\_)



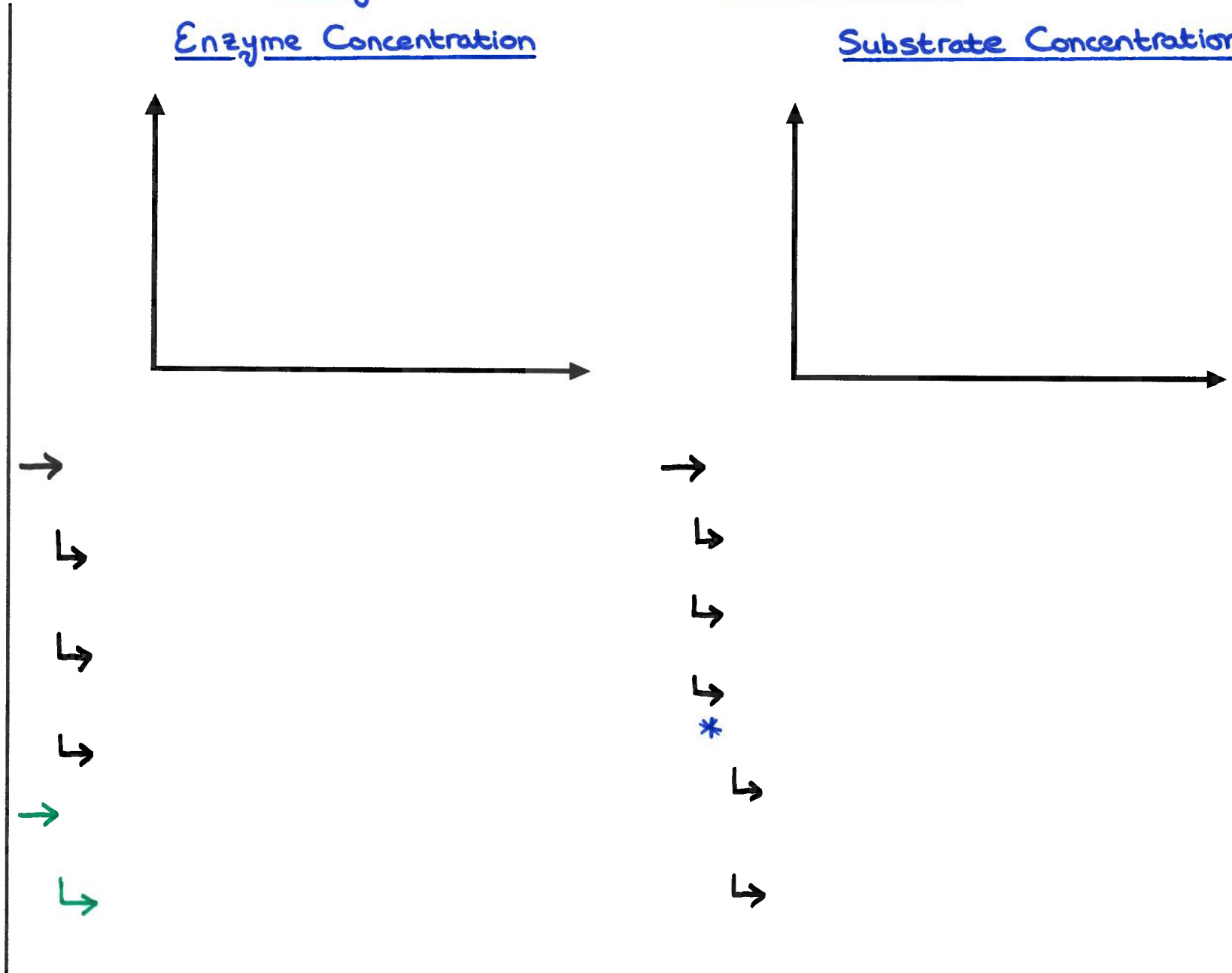


# Enzyme & Substrate Concentration

- 1
- 2
- 3
- 4
- 5

Enzyme Concentration

Substrate Concentration





# Enzyme Activity...

1 2 3 4 5

