



Introduction to Proteins

1 2 3 4 5

Protein:

Amino Acids :

Forming a _____:

Types of Protein



The Structure and Function of Proteins

1 2 3 4 5

Primary Structure

Structure ()

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Secondary Structure

Structure ()

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•

()

()

Tertiary Structure

Structure ()

•

•

•

•

Quaternary Structure

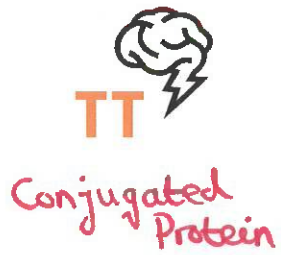
Structure ()

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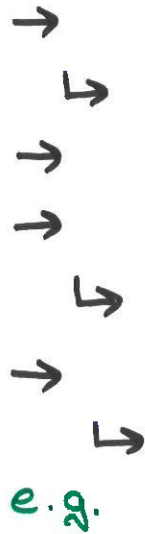
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Fibrous & Globular Proteins

1 2 3 4 5

Fibrous



e.g.

Other Examples



Globular



e.g.

Other Examples





The Enzyme Question

1 2 3 4 5

The Protein Shape Question (/)



Non Functional Protein:

_____:



_____:





Enzymes

1 2 3 4 5

1)

2)

3)

4)

5)



1)





Enzyme Activity...

1 2 3 4 5

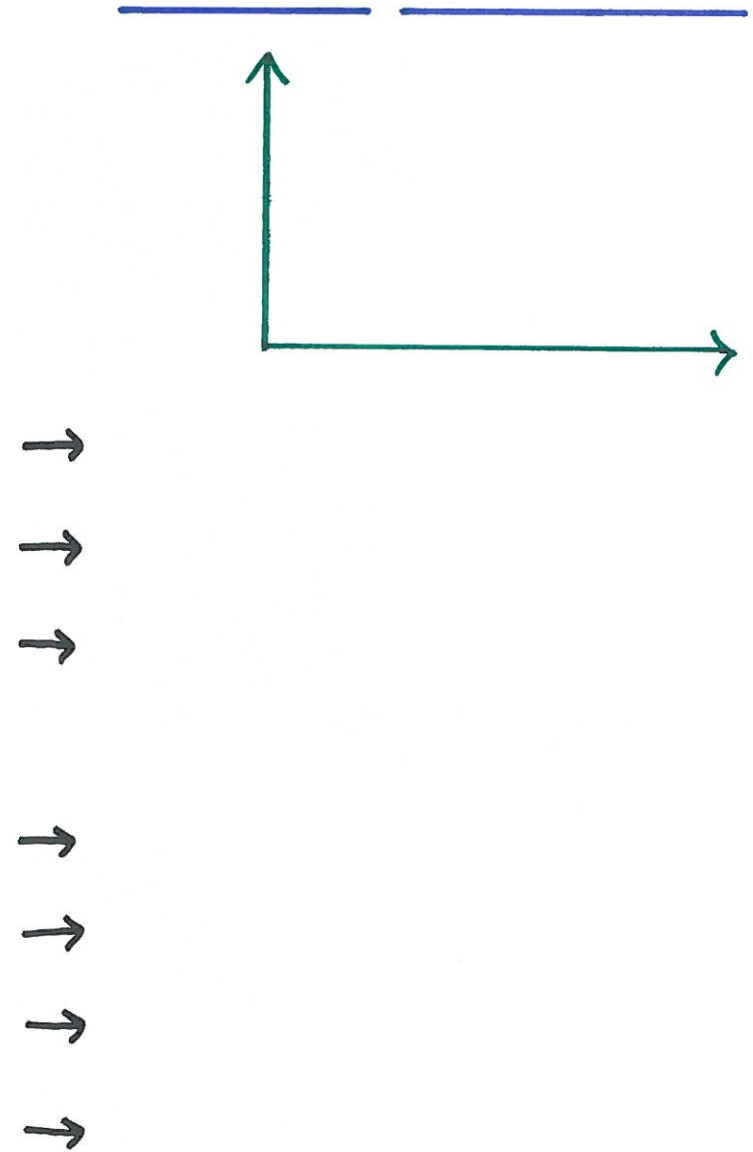
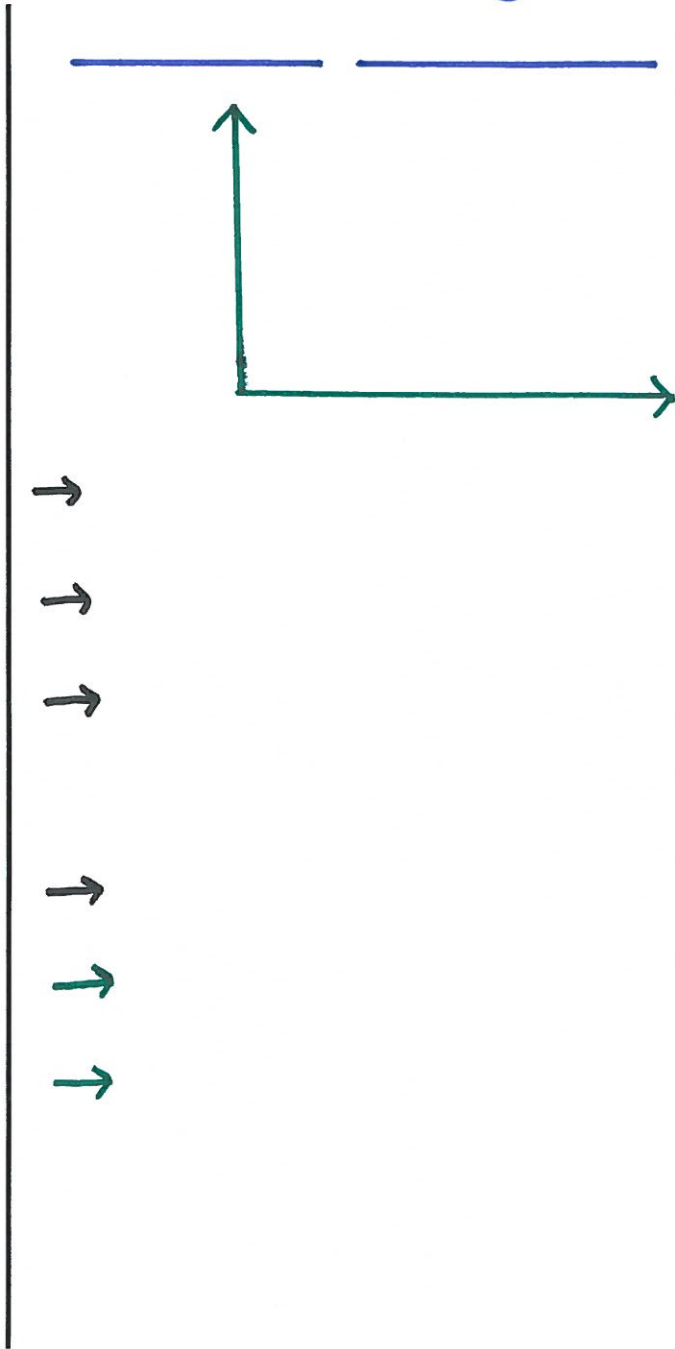
2) _____ (_____)





Enzyme Activity...

1 2 3 4 5





Intracellular & Extracellular Enzymes

1 2 3 4 5

Intracellular

Intracellular Enzymes

e.g.



Extracellular

Extracellular Enzymes



e.g.



e.g.

