

**Metabolic Pathways & their control (KA1)**

Definition: Cell Metabolism

2 Categories of metabolic pathways. Give an example of each summarise them.

Explain reversible, irreversible and alternative routes in reactions. Use a diagram.

Structure of cell membrane and role of proteins

Effect of concentrations

Substrate concentration      Product concentration

Enzyme properties and affinities, activation energy and induced fit

Types of inhibition

Competitive

Non-competitive

End-product

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