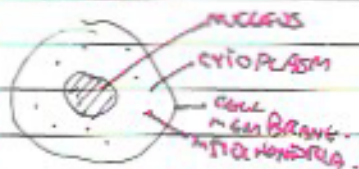


Q1

BIOLOGY

CELLS

ANIMAL CELLS

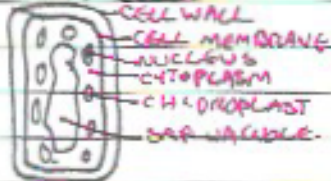


ROOT HAIR CELLS



- ANCHOR PLANT IN SOIL
- ABSORB WATER & MINERAL IONS
- LONG THIN PART GIVES LARGER SURFACE AREA.

PLANT CELLS



MUSCLE CELLS



- CELL WALL KEEPS CELL SHAPE
- CHLOROPLASTS DO PHOTOSYNTHESIS.
- () VACUOLUS TO STORE SUBSTANCES.
- MULTIPLE NUCLEI.
- STANDS OF PROTEIN THAT SUCCEED CONTRACT.

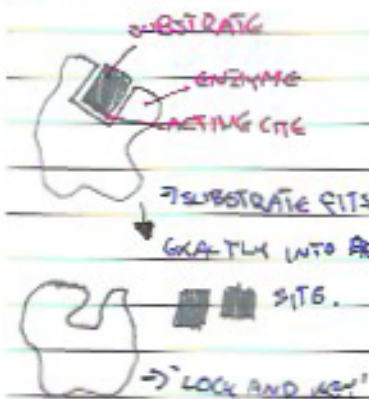
preview from Notesale.co.uk
page 1 of 1

Q2

BIOLOGY

ENZYMES

HOW IT WORKS



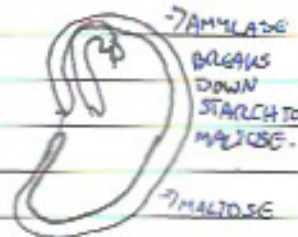
AFFECT OF TEMP

- INCREASED TEMP CAUSES FASTER REACTION
- AFTER 40°C, BEGIN TO DENATURE.
- COMPLETELY DENATURED AT 60°C.
- OPTIMUM TEMPERATURE - TEMP WHICH ENZYME WORKS BEST - OF 40°C - 25°C IN PLANTS.

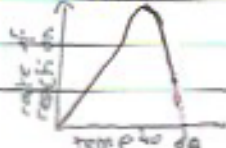
AFFECT OF PH

- CHANGES BASED ON PH.
- VARIED IN ENZYME

ENZYMES IN SEEDS



→ ENZYME IS A BIOLOGICAL CATALYST.



DISSEMINATED TO EMBRYO, USED AS ENERGY & BUILDING NEW CELLS.