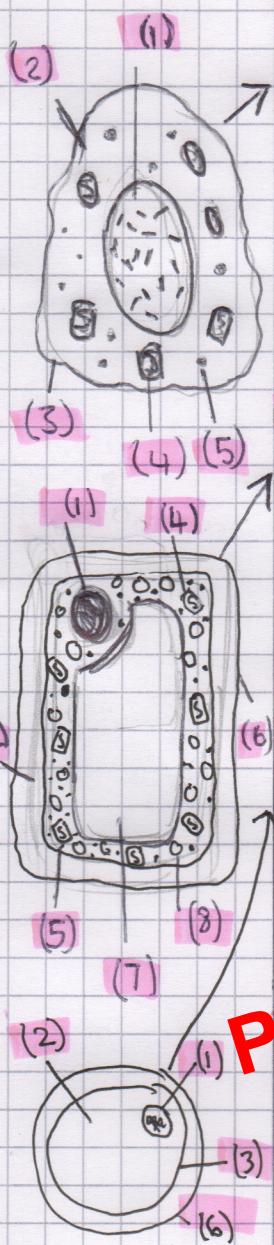


Cells

ALL LIVING THINGS ARE MADE OF CELLS. PLANT AND ANIMAL CELLS HAVE SIMILARITIES AND DIFFERENCES



Human Cells

Contains

- (1) Nucleus
- (2) Cytoplasm
- (3) Cell membrane
- (4) Mitochondria
- (5) Ribosomes

- Contains genetic material, activities
- Controls chem reactions, enzymes
- Holds together, controls in/out
- Where respiration reactions, release en.
- Where proteins made

Plant Cells

Also contains

- (6) Rigid cell wall
- (7) Permanent vacuole
- (8) Chloroplasts

- Made of cellulose, supports + strength
- Contains cell sap, (sugar + salts)
- Where photosynthesis occurs
- Contains chlorophyll

Yeast

Yeast is a single-celled organism (micro). It has a nucleus, cytoplasm, cell membrane + cell wall

Bacteria

Bacterial cells have no nucleus. Like yeast, they are also single-celled micro-organisms. They have cytoplasm, a cell membrane and a cell wall. Genetic material floats in the cytoplasm because no nucleus

Questions

Q1 - Plant + animal cells have similarities + differences. complete each statement

a - Plant/Animal cells, but not Plant/Animal cells contain chloroplasts

b - Plant and Agal cells have a vacuole / cell wall which is made of cellulose

key

topic

definition

more info

Preview from Notesale.co.uk

Page 1 of 1