



OCR (A)





1.1 CELL STRUCTURE: Subcellular Structures

Eukaryotes

Plant cell

Animal cell

Provides cell strength

Cell wall

Photosynthesis

Chloroplast

Permanent vacuole

Nucleus

Cytoplasm

Mitochondria

Aerobic respiration

Ribosomes

Protein synthesis

Cell membrane

Has receptor molecules on surface for cell signalling

Controls what moves in & out of cell

Prokaryotes

Cell wall

Plasmids

Small DNA rings

Circular loop of DNA freely floating in cytoplasm

Cytoplasm

Cell membrane

OCR (A)

