

① many possible answers. MRS GREN should be used

② animal cells | plant cells

both have: nucleus, cell membrane, cytoplasm, ribosomes, mitochondria

no cell wall
no chloroplast
no large central vacuole

cell wall
chloroplast
large central vacuole

③ While they aren't dead, they aren't considered alive either. They are like a USB of genetic material why?

→ they fulfill none of MRS GREN

M - cannot move on their own. Carried by environment

R - do not respire. lack their own metabolism

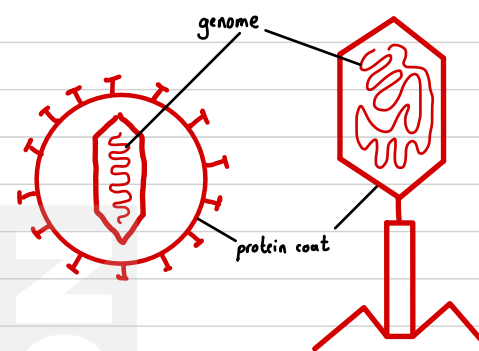
S - cannot detect or react to environment. If they happen to encounter host, they can dock.

G - cannot grow.

R - rely on host to replicate (cannot on their own)

E - no waste produced. No waste excreted.

N - no way (or need) of taking in nutrients.

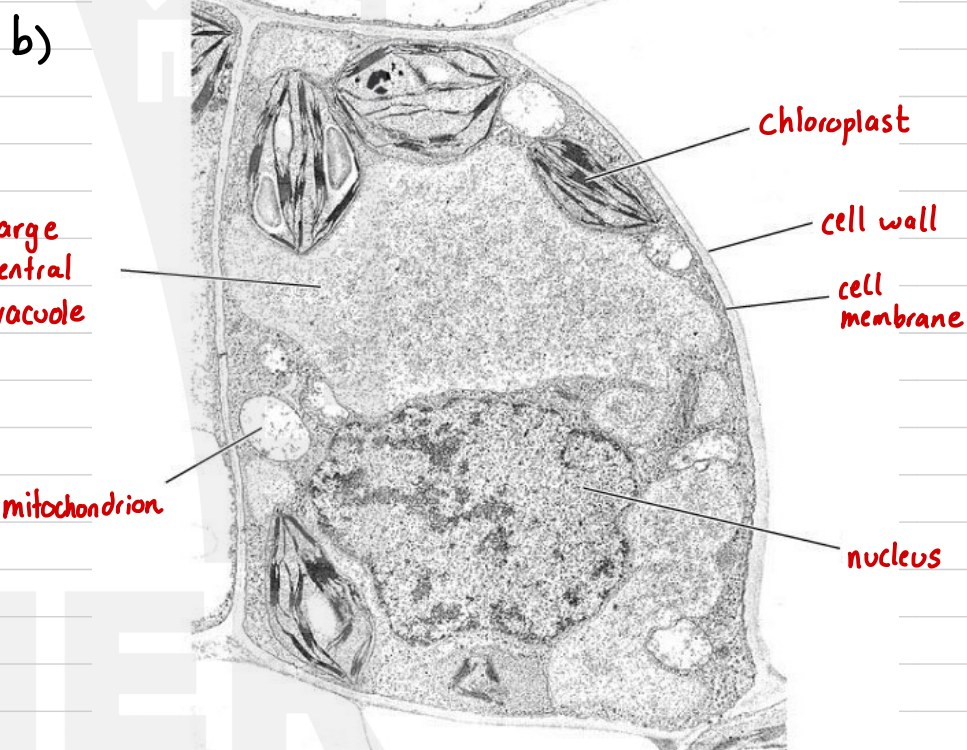
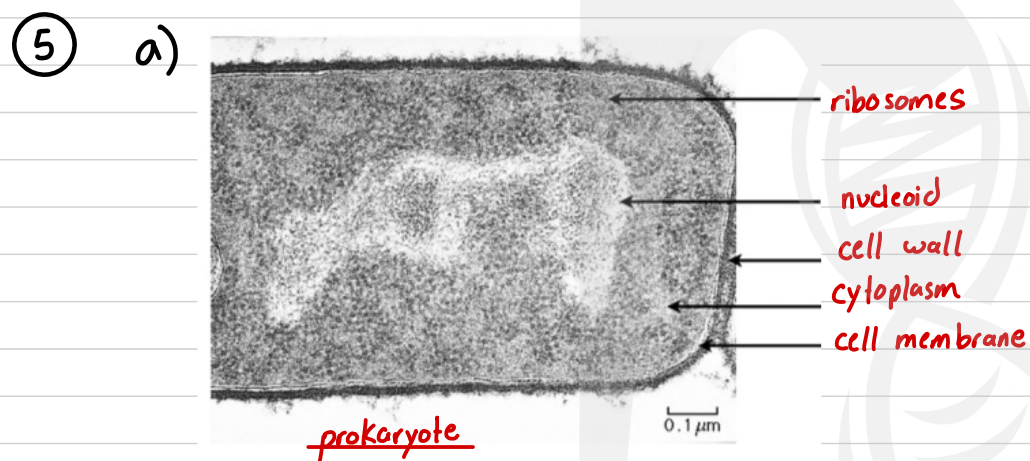


very simple structure.

④

organ system	organ *	tissue *	cell *
respiratory	trachea	lung	ex: pneumocyte
nervous	brain	nervous, brain	neuron
cardiovascular	heart	cardiac muscle	myocyte
lymphatic	spleen	bone marrow	leucocyte

* multiple possible answers



leaf plant cell

