(ademosine tauphosphate) DNA and subosomes -) can make protein -) have 2 memberane -) powerhouse of the - have their own mitochondria releases ATP coverings

I digest foreign material I waste disposal system -> known as 'svicide Contain powerful digestive enzymes bags of a cell' 1450 Some S

golgi appanatus

parallely in stacks called bound vesides armanged system of memborane

modification and products -) used for storage, 45terns.

-) present in plant plastids

cells. Colomoplasts contain dolosophyll -) edulo tro pleus ts

-> Stowchore similar -) have their own -) leucoplasts contain protein granules stanch, oils and to mitochondria

PARTS OF

endoplasmic neticulum Trovah Smootha

Smallest functioning

unit that coronies

out life processed

- extends throughout a cytoplasmic -) Serves as a channel for transport applasm

Vacvole

-> selectively permeable

membrane

Plasma

-) made of proteins

- flexible

and lipids

scell membrane

-) have amino acids, -) storage sac -> small in animals; -) in plant cells, they large in plants Store cell sap

covering of + cell wall -) hand

acids and some

preteins

sigary, organic

structor to plants -) made of cellulose -> Provides

nucleus

mucleas mem brane - has

-> choromosomes

-) contains choromosomes

contain DNA

Providing surface for biochemical activities framework

cell membrane -) contains cell -> fluid inside eytoplasm organelles plant plasts asts

rophyll ontain and nules

similar Tia

n own

gh

mic

(vacvole)

- -) storage sac
- -> small in animals; large in plants
- -) in plant cells, they Store cell sap
- -) have amino acids, sugars, organic acids and some Proteins

PARTS OF a CELL

a cell is the smallest functioning unit that carries out life processes

theroughout

2 0 fon t asmic cutoplasm

- -> fluid inside cell memberane
- -> contains cell organelles

cell membranel Eplasma membrane

- -> selectively permeable
- -> flexible
- -) made of proteins and lipids

(ell wall)

- Thatid covering of cell
- -) made of cellulose
- -> provides structural strength to plants

+ nucleus }

- -) has nucleage memberane
- -) contains chromosomes
- -) chromosomes contain DNA

ork. unface for biochemical

activities

mitochondonia 4

- -) powerhouse of the
- -) releases ATP (a denosine triphosphate)
- -) have 2 membrane coverings
- -) can make protein
- -) have their own DNA and subosomes

(lyso somes)

- -) waste disposal system
- -) digests foreign material
- -) contain powerful digestive enzymes
- -7 known as 'svicide bags of a cell'

Golgi apparatus

- -) system of memberane bound resides arranged parallely in stacks called eisterns.
- -) used for storage, modification and packaging of products

(plastids

- -> present in plant cells. Believes plasts
- -) chloro plasts contain chlorophyll
- -) leucoplasts contain stanch, oils and protein granules
 - -) stawdure similar to mitochondria
- -) have their own

* Vacvo

- -) stona
- -> Small
- -) in plo Store
- -) have prote

Smooth PARTS OF a CELL Prough endoplasmic reticulum out

- rextends thoroughout cytoplasm
- -) serves as a channel for transport
- -) a cytoplasmic framework, Providing surface for bio

large

Sugar acids