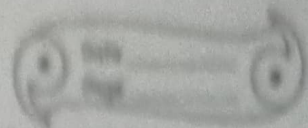


Worksheet



Q) what happens when,

a) Accidentally, Paramecia gets cut into many pieces?

Ans) Fragmentation occurs

b) Bryophyllum leaf falls on the wet soil

Ans) Regeneration

c) on maturation Spongia of Rhizopus burst

Ans) Spores fly out and burst into organisms

Q) (i) Differentiate between binary and multiple fission Name an organism that reproduce

Binary fission

The parent cell divides itself into two equal and identical daughter cell

It is the most common form of reproduction in prokaryote

It occurs during favourable condition

Multiple fission

The cell single parent cell is divided many daughters

It is the most common types of reproduction in protist and parastic species

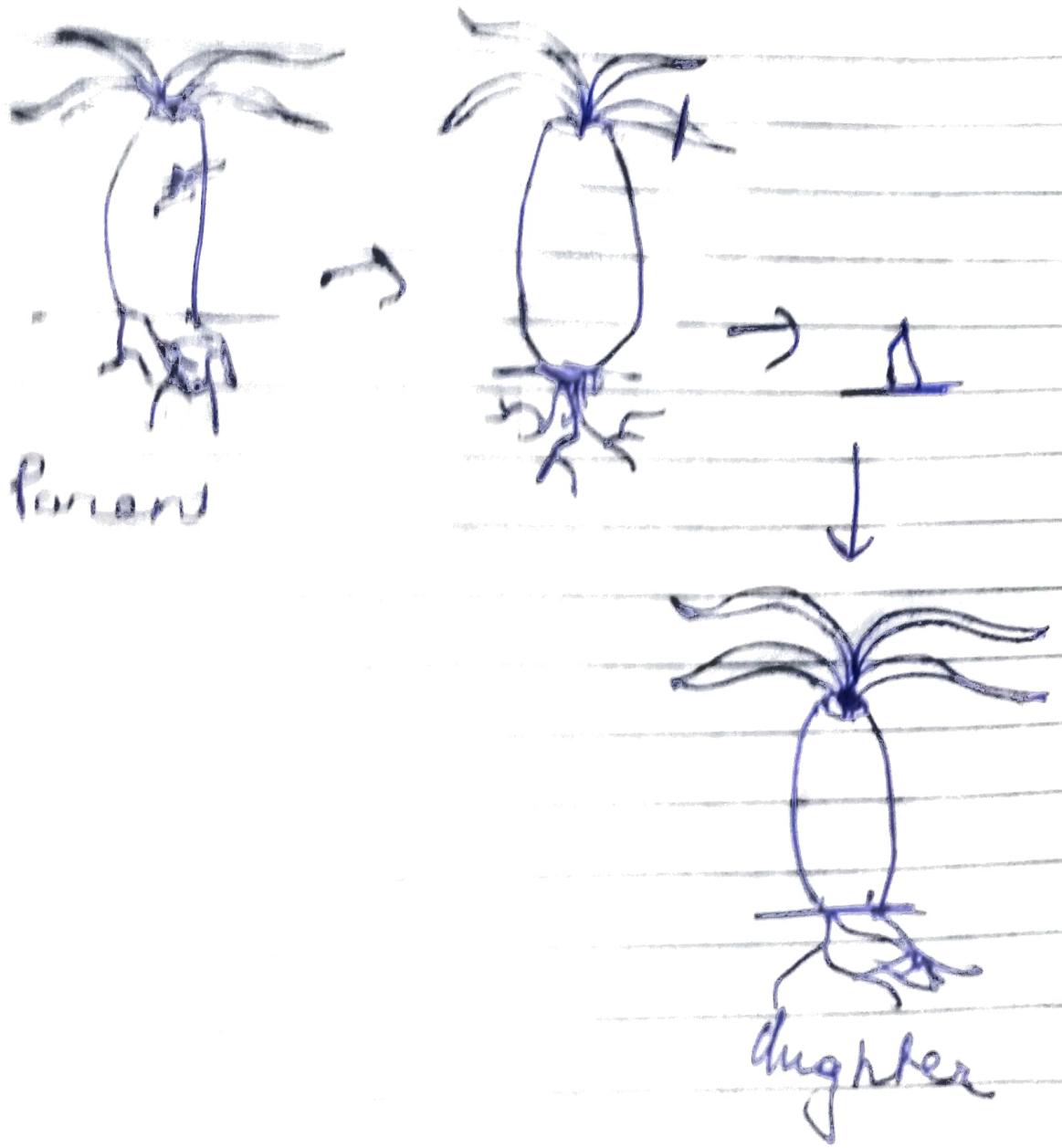
It occurs during unfavourable condition

ii) Vegetation propagation is beneficial to plants that are propagated asexually like two agavantis

iii) Vegetation propagation is beneficial as : Producer identical equality as the parent plants that do not have viable seed, can be reproduced like as plant

Hydra

B) 1) With the help of a diagram, demonstrate the process of regeneration in Hydra.



Q.1) which types of toll are used by such health collector organisations to generate ?

↳ Toll potent call are used by multicalular organisations to regenerate