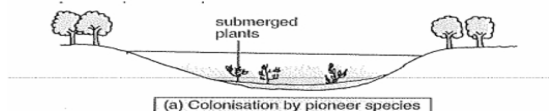


Name : _____

WORKSHEET 8.5: COLONISATION AND SUCCESSION IN A POND

Score ____ / ____

COLONISATION

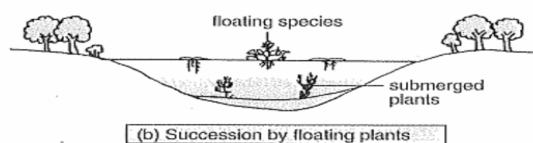


Pioneer species : _____ eg : *Hydrilla sp*

Adaptive features : _____ root to penetrate into the soil and to absorb nutrients and bind sand particles together

Changes the environment
Pioneer species die, increase _____ content of the soil. Humus and the soil are deposited on the base of the pond making the pond

SUCCESSION

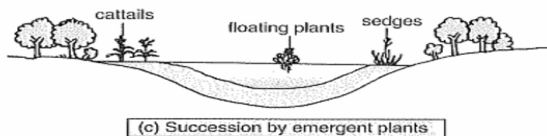


Successor : _____ eg : *Lemna sp*

Adaptive features : _____ rapidly by vegetative propagation

Change the environment
Add more _____ matter on the base of the pond, soil erosion and sediments deposited on the base of the

SUCCESSION

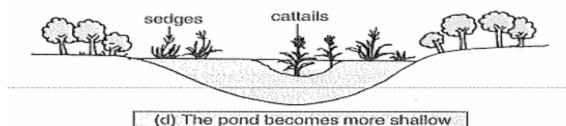


Successor : _____ eg : Sedges

Adaptive features : _____ grow horizontally across the habitat to bind the soil particle together

Change the environment
Add to the _____ on the base of pond making the pond to become shallower

SUCCESSION



_____ plants grow from the edge of the pond towards the middle of the pond as the pond become more shallow

Change the environment
When these plant _____, their decomposed remains add to the sediments on the base of the