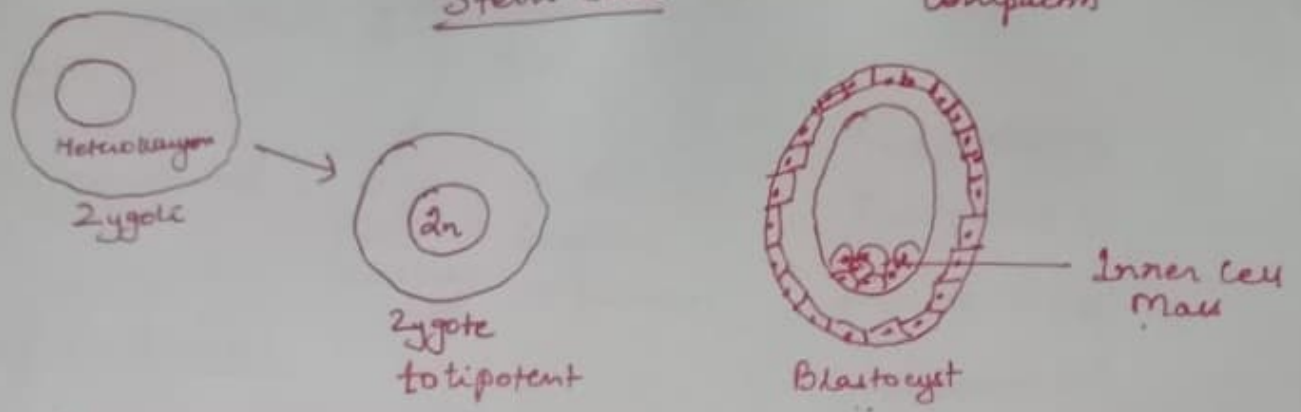
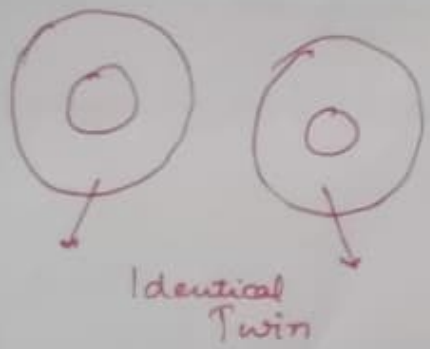


Stem Cell

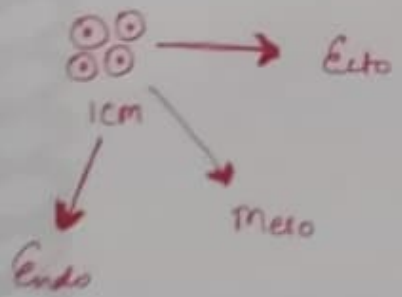
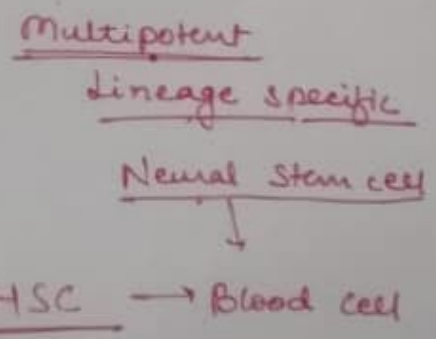
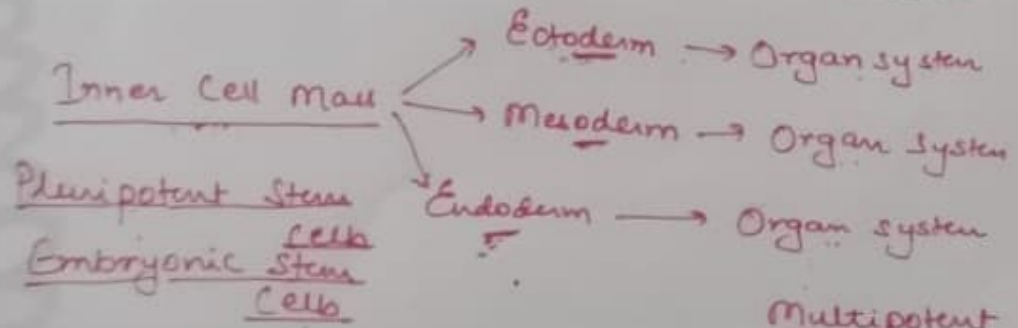
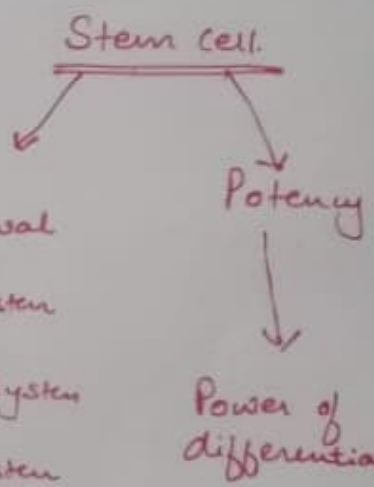
Cavitation
Compaction



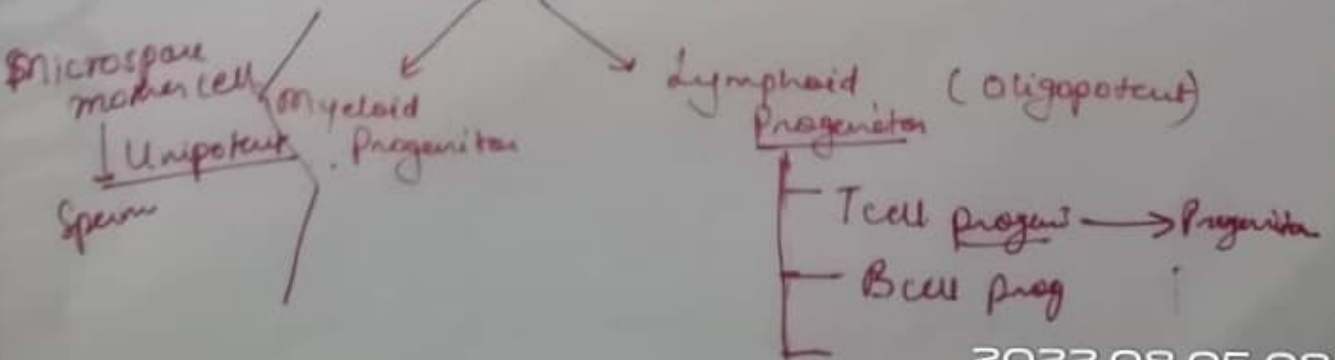
A cell which is able to create a complete body → Totipotent



Zygote
2 few initial cells



HSC (Multipotent)



Undifferentiated → Stem Cells
Meristem HSC

Differentiated

RBC → function.
Fibroblast Cell → function

Totipotent
Pluripotent
Multipotent
Oligopotent

Dedifferentiated

Differentiated Cell → Undifferentiated Progenitor

Cambium → meristematic property →

Unipotent

Pericycle → lateral roots