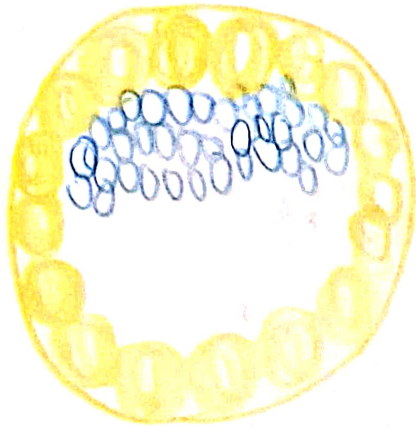
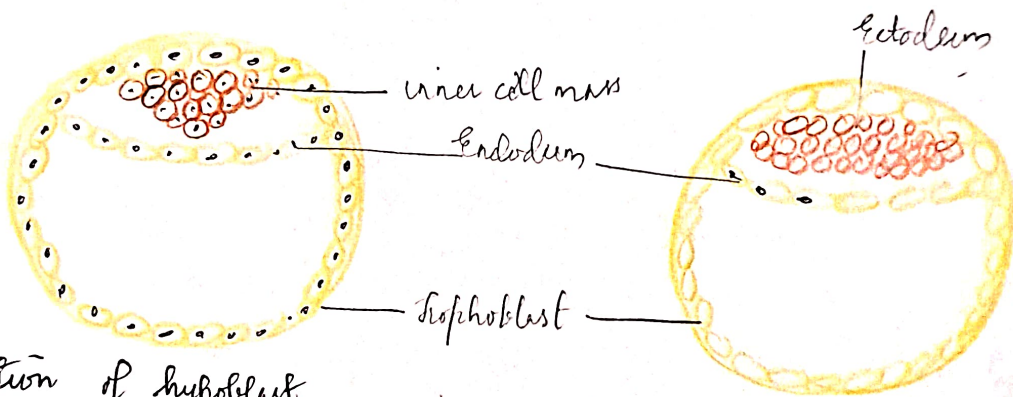


... (faint handwritten text) ...

... (faint handwritten text) ...

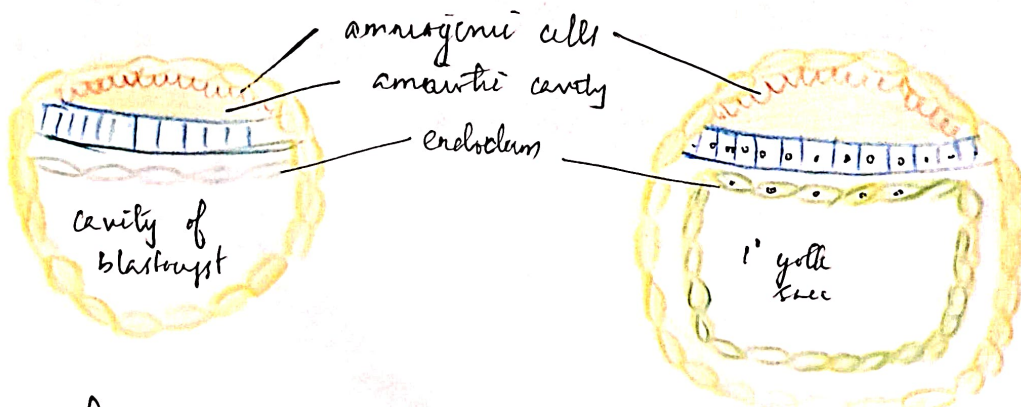


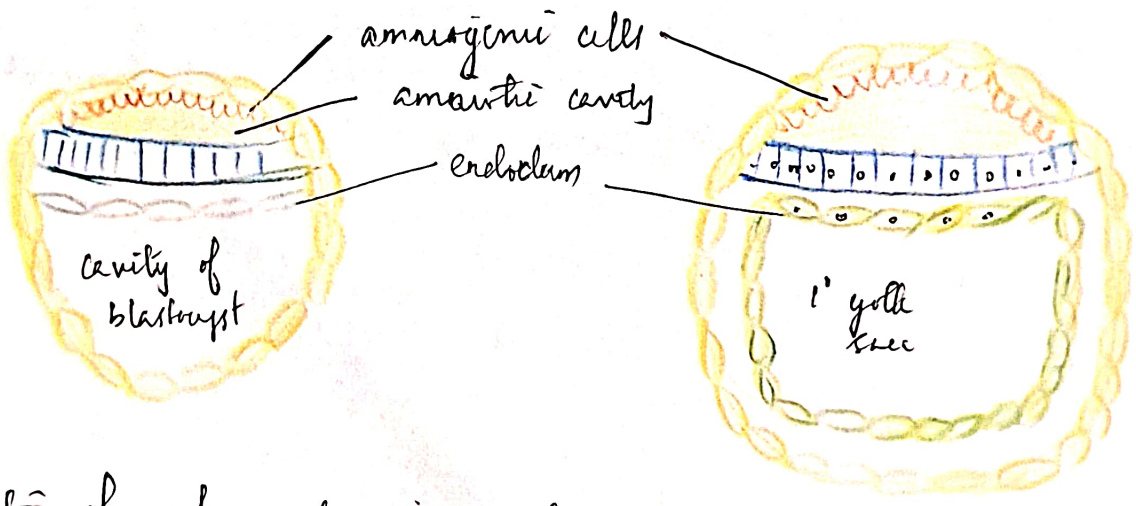
1. formation of endoderm



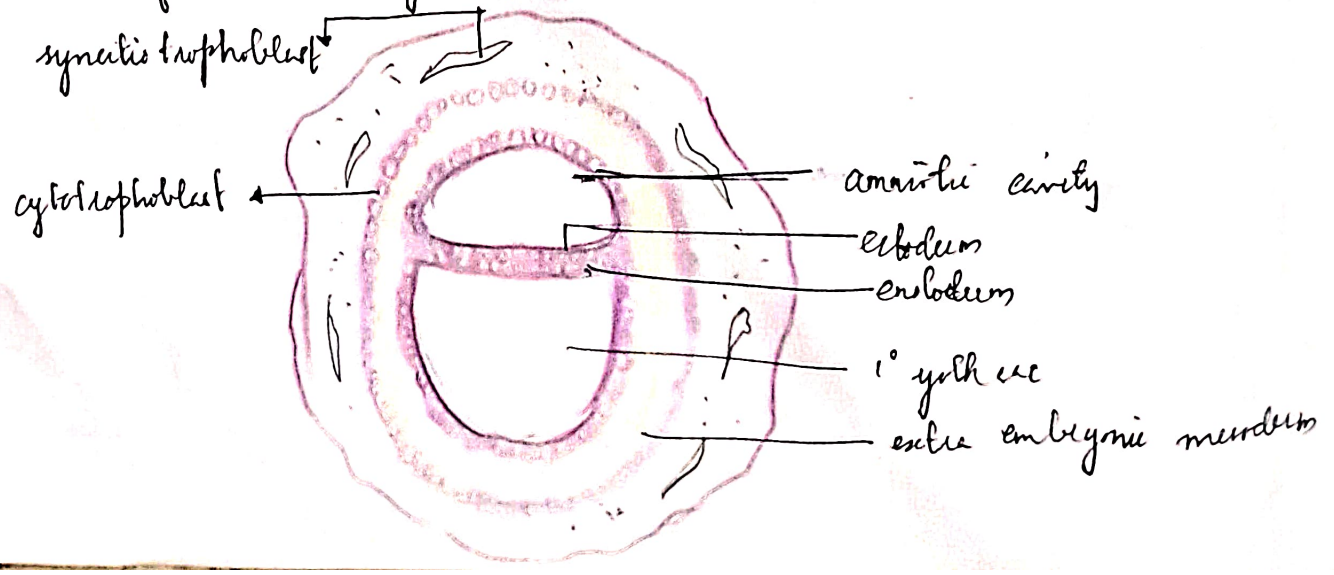
1. formation of hypoblast
2. formation of epiblast
3. formation of amniotic cavity
4. formation of 1<sup>o</sup> yolk sac.

amniogenic cells  
form trophoblast

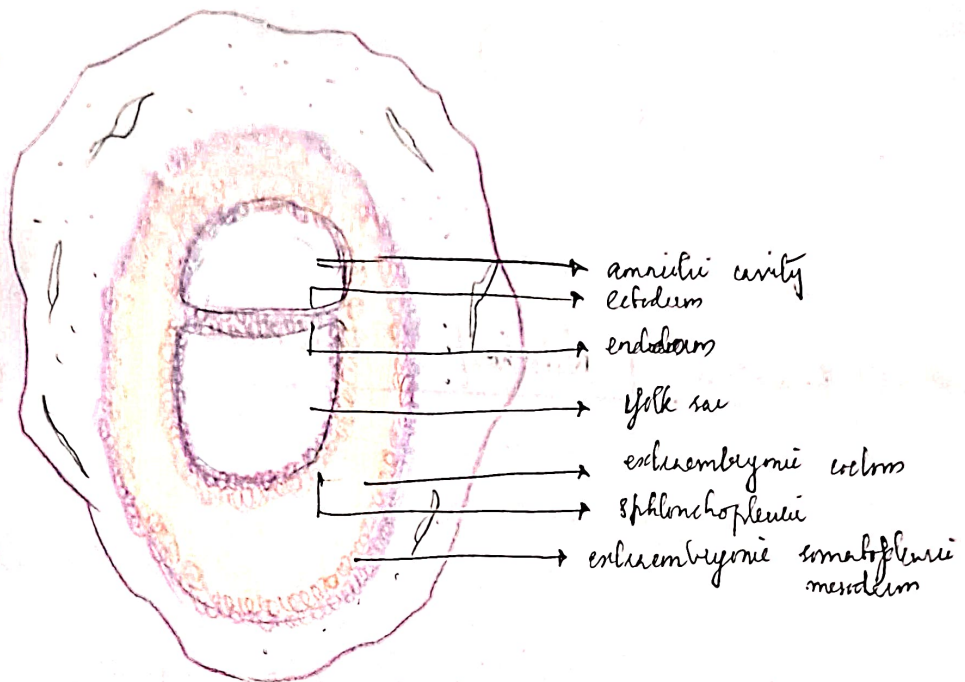




5. formation of extra-embryonic mesoderm  
syncytiotrophoblast



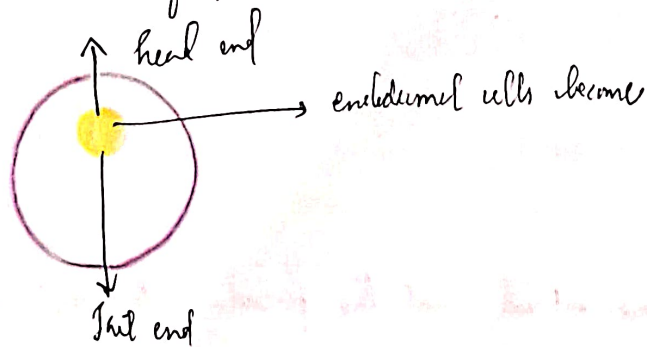
- 6. Formation of extra-embryonic coelom
- 4. Formation of connecting stalk



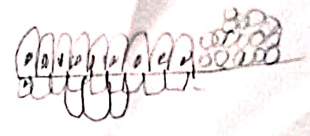
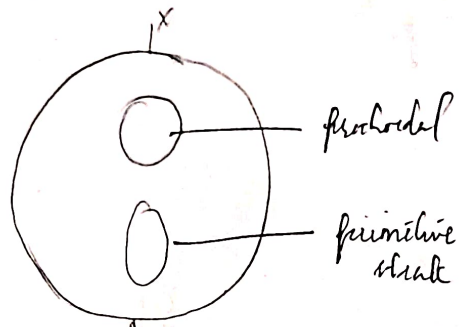
- 8. Formation of chorion of amniot
- 9. Formation of 2<sup>o</sup> yolk sac



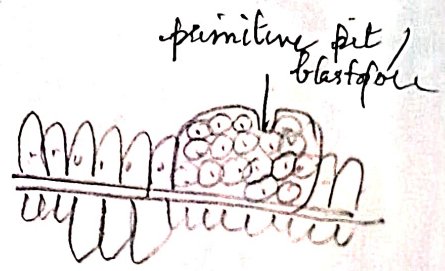
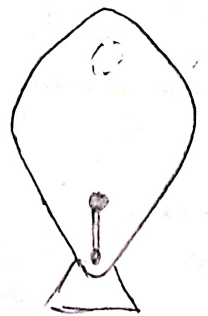
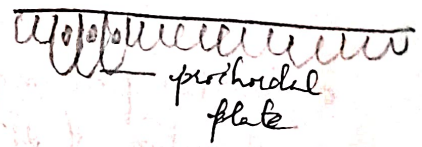
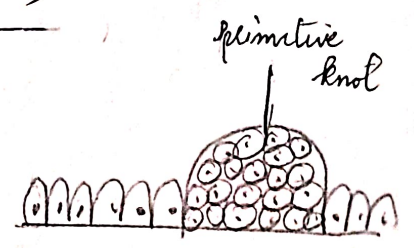
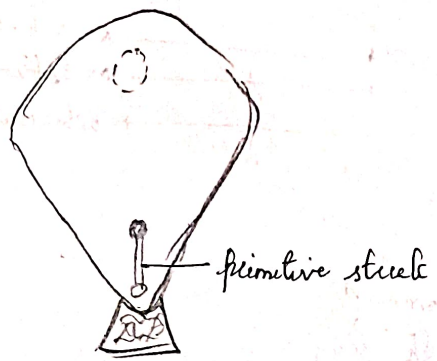
- 10.
- 11. Formation of placental plate



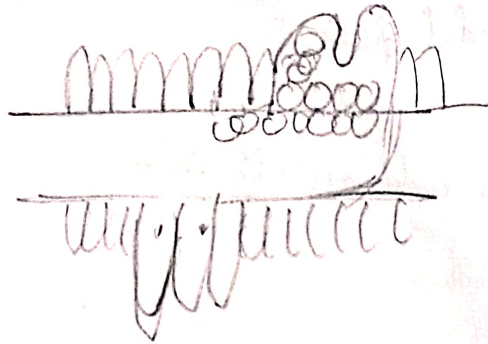
12. Formation of primitive streak



Formation of Notochord (Short Answer)



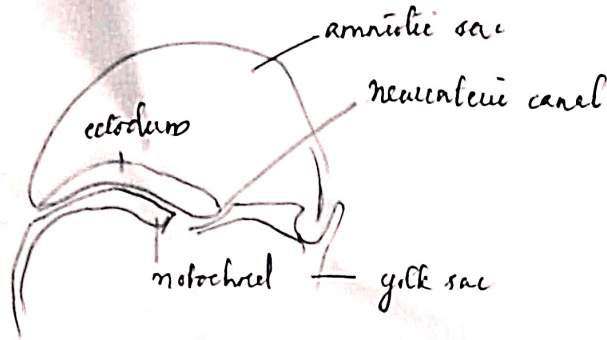
3. Cells multiply and pass cranially betw ectoderm and endoderm -  
notochordal process



4. Cavity of blastopore extend into the process - notochordal canal

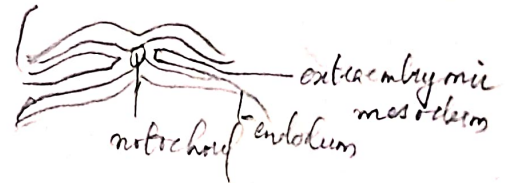
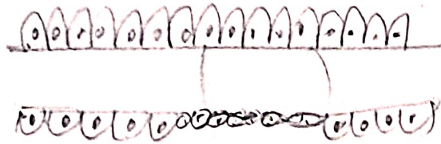


5. Cells at the floor of the ~~canal~~ notochordal canal intercalated with the cells of the endoderm



6. Floor of the notochordal canal begins to breakdown if it communicates with yolk sac.

7. Flattening of cells at the notochordal canal - notochordal plate



The process is reversed and the plate is curved - definitive notochord.

### Remnants of Notochord

- Nucleus pulposus
- Apical ligament of dens (process in the 2<sup>nd</sup> vertebrae-axis)

### Functions

- Induce the formation of neural-tube.
- Position later occupied by vertebral column.

### Neurulation

