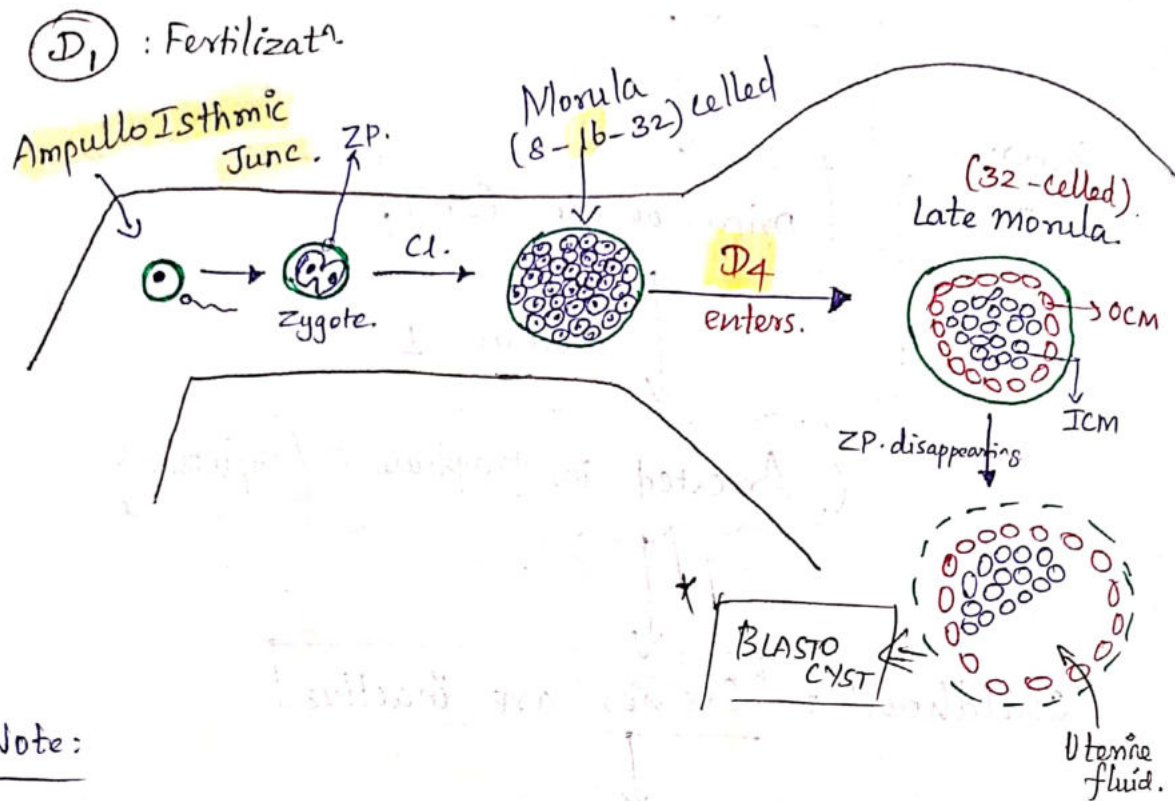
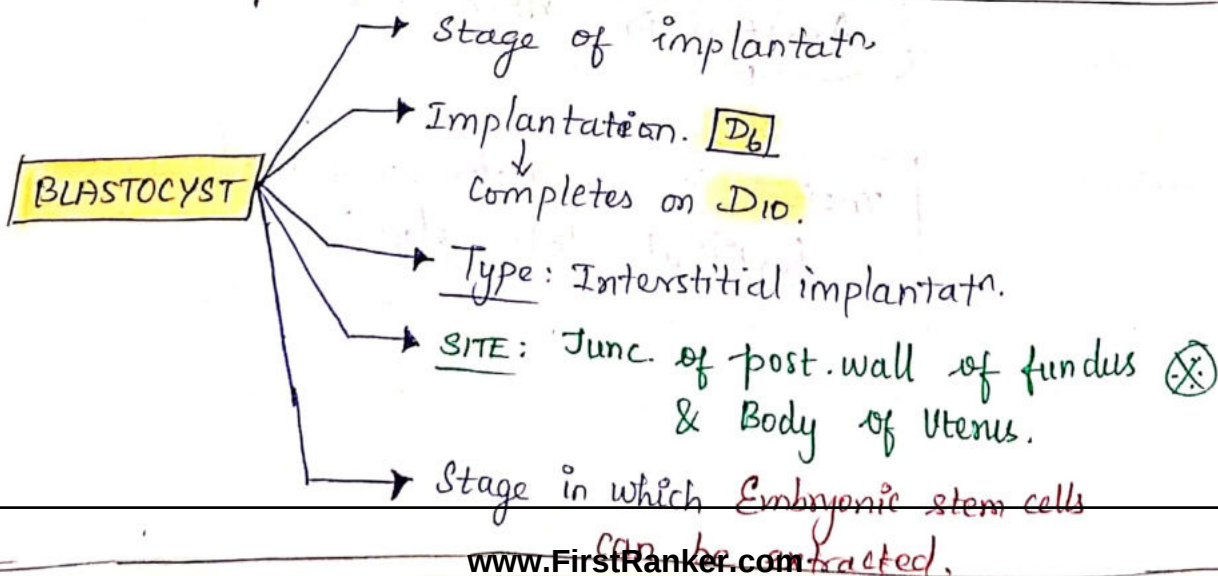
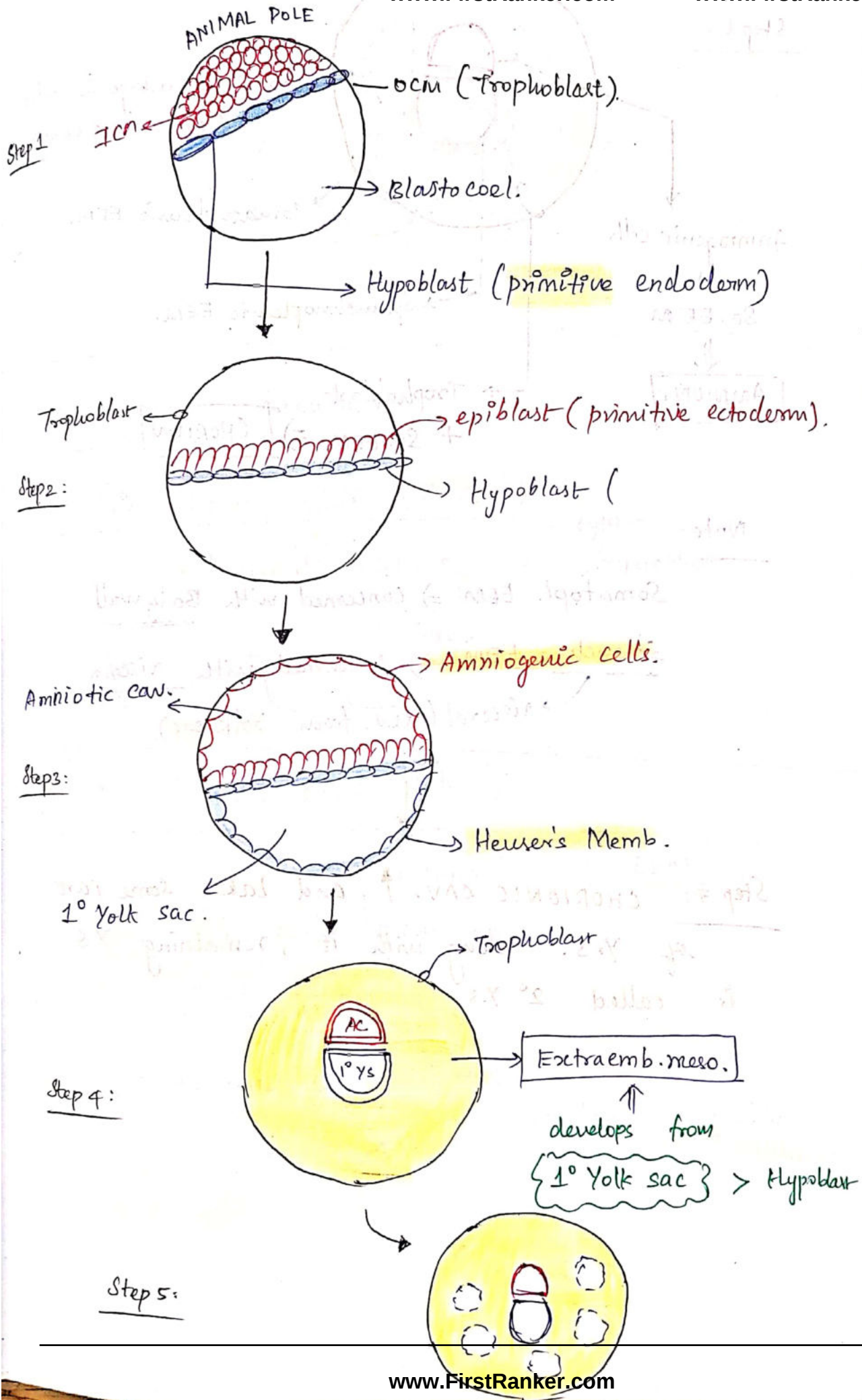




Note:

- Z.P.**
- * Acellular Glycoprotein belt.
 - * Functions: 1) prevents polyspermy ('thru' ZONAL rxn)
 - 2) prevents Ectopic Implantation
- disappears @ D₄, its called "ZONAL HATCHING."

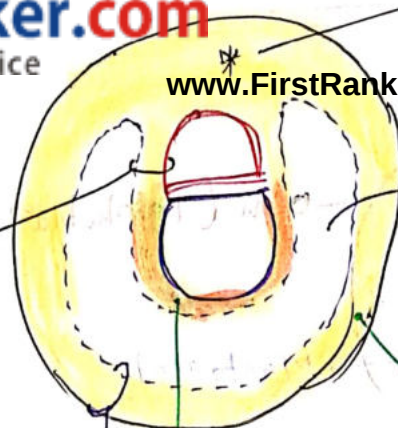




Step 6:

Amniogenic cells
+
So. EEM.

↓
AMNION.



Extraembryonic Cavity
(CHORIONIC CAVITY)

Somatopleuric EEM.

Splanchnopleuric EEM.

Trophoblast
+ So. EEM ⇒

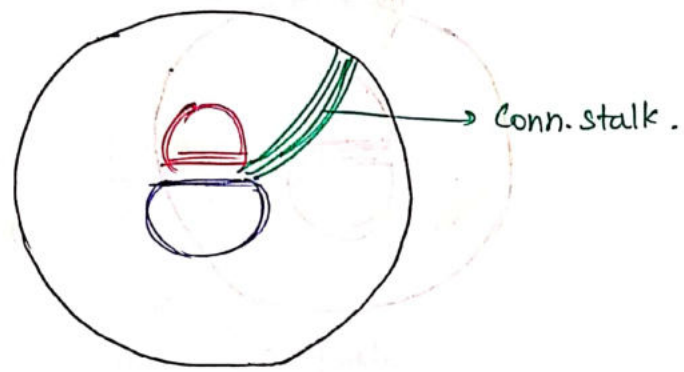
CHORION

Note:

Somatopl. EEM ⇒ concerned with Body wall

Splanchno EEM ⇒ concerned with viscera
→ visceral (dev. from Yolk sac).

Step 7: CHORIONIC CAV. ↑ and takes some part
of Y.S. along with it, remaining Y.S.
is called 2° Y.S.



changes in Trophoblast:

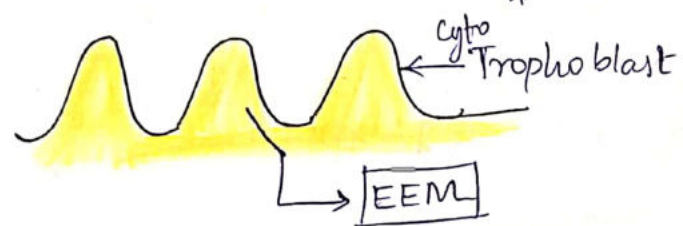
(i) prim. chorionic villi (11-13 d).

* Regional thickening of cyto - Trophoblast.



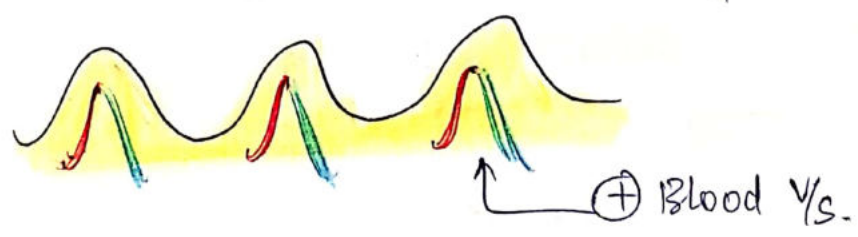
(ii) Sec. chorionic villi (16th d).

* invasion of EEM.

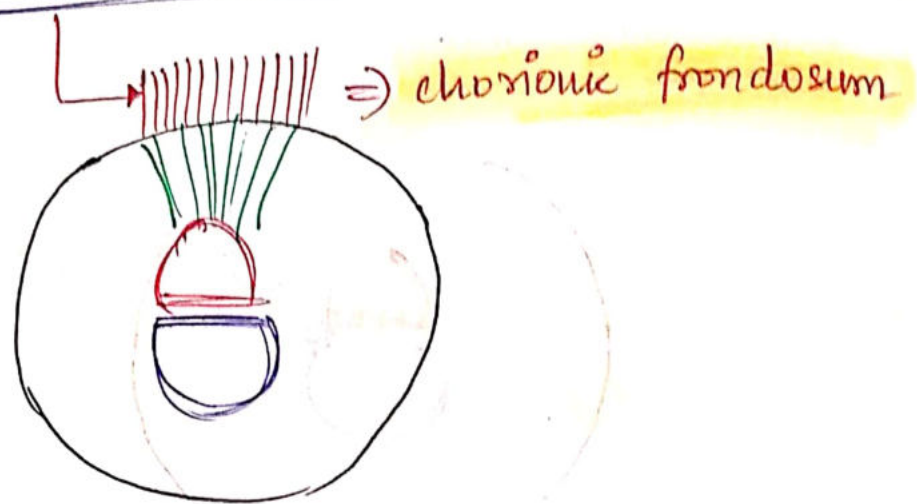


(iii) Ter. chorionic villi (21st day)

* Formatⁿ of blood v/s.



Note: 3° chorionic villi



1°, 2° ch. villi ⇒ all around cytotrophoblast

But

3° ch. villi

- chorionic frondosum (at conn. stalk)
- chorionic laeve (Non functional)