

# Embryology:

## General notes:

- The completion of the 2nd meiotic division happens during fertilization.
- Implantation occurs to Blastocyst.
- Implantation begins 6 days after fertilization.
- Syncytiotrophoblast is the layer responsible for implantation.
- Gastrulation happens during the 3rd week.

بالنسبة للامبريولوجي

اعرفوا في المحاضرة الاولى spermatogenesis وقصتها

و الانقسامات من اللبي يعطي ٢ و من اللبي يعطي ٤

و المحاضرة الثانية:

Implantation و بين مكانه و متى

Fertilization و بين و متى

المحاضرة الثالثة مهمة جداً جداً

جاء عليها اسئلة كثيرة

اعرفوا ectoderm وش تعطي ؟ endoderm , mesoderm

فيه شيء اسمه primitive streak

Gastrulation

و على العموم ترى في الامبريولوجي يحيون تواريخ اهم الاحداث  
مثلاً وش الشيء اللبي يصير بعد ٤٨ ساعة ، بعد يوم ، بعد اسبوع ، بعد شهر.....  
هذي ابرز النقاط اللبي انذكر انها مهمة ، ممكن فيه غيرها

# MCQ'S

**1-which of the following hormones is secreted by the follicle cells?**

**-Estrogen.**

-FSH.

-LH.

-Progesterone.

**2-which one of those has 23 chromosome?**

-Oocytes.

**-Spermatids.**

**3-what is the normal site for fertilization?**

-Uterine cavity.

**-Ampulla.**

-Isthmus.

-Uterinal tube.

**4-Which one of the following is responsible for penetration of endometrium?**

**-Syncytiotrophoblast.**

-Cytotrophoblast.

-Trophoblast.

-Embryoblast.

**5-Which one of the following cells are the floor of amniotic cavity?**

**-Epiblast.**

-Syncytiotrophoblast.

-Hypoblast.

-Cytotrophoblast.

**6-Which one of the following give rise from neural crest?**

**-Ganglia.**

-Nucleus.

-Tract.

## Questions:

**17. Implantation occurs during:**

-blastocyst stage

**18. Fertilization occurs in:**

-Ampulla of uterine tube

**19. The process of Oogenesis begins:**

-Prenatally

**20. One spermatocyte gives:**

-4 sperms

**21. Somites are formed in:**

-Paraxial mesoderm

**22. Somites are responsible for the formation of:**

-Most of the axial skeleton

**23. Primitive streak is responsible for the formation of:**

-Intraembryonic mesoderm

**24. A derivative of ectoderm surface:**

-epidermis of the skin

## MORE QUESTIONS:

**1-Which one of these formed the floor for amniotic cavity?**

-Trophoblast.

**-Epiblast.**

-Hypoblast.

-Syncytiotrophoblast.

**2-Which system will develop from notochord?**

-Cardiovascular system.

**-Nervous system.**

-Renal system.

Urogenital system.

**3-Which hormone stimulates ovulation?**

**-LH.**

-FSH.

-Estrogen.

-Progesterone.

**4-When does the first meiotic division occur in the oogenesis?**

-After puberty.

-Every month.

**-Before birth.**

-After fertilization.

**5-Menstruation is caused by decline in the level of?**

-Estrogen.

-FSH.

-LH.

**-Progesterone.**

**6-what is the site of implantation?**

-Ampulla of uterine tube.

-Anterior wall of uterus.

-In the fundus.

**-Posterior wall of the uterus.**

**GOOD LUCK 😊**