Kafrelsheikh University
Faculty of medicine **Name:**
Histology Department **Number:**
March 2016

Define the following:

1- Granulosa lutein cells:

2- Hofbauer cell:

3- Theca folliculi:

4- Lining epithelium of duct system of mammary gland:

5- Cumulus oophorus:

Complete:

1- Source of all hormones of the placenta:----------

2- Source of estrogen in corpus luteum:----------

3- Secondary oocyte complete second meiotic division after ----------

Choose the correct answer:

1- The stage that reaches the uterus during implantation:
   a- Zygote
   b- Morula
   c- Blastocyst
   d- cytotrophoblast

2- Which of the following lack glands:
   a- Vagina
   b- Cervix of uterus
   c- Endometrium
   d- None of the above

Give short account on: Placental blood barrier.

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Define the following:

1- Montgomery glands:

2- Hofbauer cell:

3- Functional zone of endometrium:

4- Decidua:

5- Zona pellucida:

Complete:

1- Source of all hormones of the placenta:----------

2- Source of Progestrone in corpus luteum:----------

3- Primary oocyte complete first meiotic division ----------

Choose the correct answer:

1- Which of the following statements best describes the colostrum:
   a- Has similar chemical composition as milk.
   b- Low protein, high fat content.
   c- high protein, low fat content.
   d- Secreted allover lactation.
2- Which of the following statements is correct:
   a- The oocyte completes the second meiotic division at the time of ovulation.
   b- The cumulus oophorus is well developed in the secondary oocyte.
   c- The primary follicle has at least 4 layers of follicular cells surrounding it.
   d- Granulosa lutein cells are one of steroid secreting cells.

Give short account on: Mature Graafian follicle.