

Weekly exam (week 4)
MCQ female genital system

Choose the correct answer:

1- Which follicular stage is also called an antral follicle?

- a. Primordial follicle
- b. Primary follicle
- c. Secondary follicle
- d. Mature follicle
- e. Atretic follicle

2- Each consists of a primary oocyte surrounded by a single layer of flat follicular cells.

- a. Primordial follicle
- b. Primary follicle
- c. Secondary follicle
- d. Mature follicle
- e. Atretic follicle

3- Cumulus oophorus is:

- a. the glycoprotein layer surrounding the oocyte
- b. granulosa cells, columnar in shape and surrounding the oocyte
- c. granulosa cells surrounding the corona radiata

- d. have cytoplasmic processes penetrating corona radiata
- e. Present outside the basement membrane of the mature graafian follicle

4- Theca Lutein cells:

- a. Secrete progesterone hormone
- b. Large vacuolated cells
- c. Outer to the basement membrane
- d. Yellowish in color due to presence of lipochrome pigments
- e. By EM, they show features of protein synthesizing cells

5- At what stage does the oocyte become arrested ovulation?

- a. First meiotic division, prophase
- b. First meiotic division, metaphase
- c. Second meiotic division, prophase
- d. Second meiotic division, metaphase
- e. Second meiotic division, anaphase

6- Which region of the Fallopian tube has the most numerous ciliated cells?

- a. Infundibulum
- b. Ampulla

- c. Isthmus
- d. Intramural segment
- e. Body

7- A layer of granulosa cells columnar in shape and surrounding the oocyte:

- a. Zona pellucida.
- b. Corona radiata
- c. Cumulus oophorus
- d. Theca interna
- e. Theca externa

Answers:

- 1- c- Secondary follicle
- 2- a- Primordial follicle
- 3- c- granulosa cells surrounding the corona radiata
- 4- c- Outer to the basement membrane
- 5- a- First meiotic division, prophase
- 6- a- Infundibulum
- 7- b- Corona radiata