The only kind of follicles present in prepubertal ovary is:

A- Primary follicles

B- Secondary follicles

C- Primary oocytes

D- Primordial follicles

The secretory phase of the endometrium corresponds to which of the following ovarian phases:

A- follicular phase

B- ovulation

C- Luteal phase

D- menstrual phase

The dominant hormone controlling the proliferative phase of the uterine endometrium is:

A- estrogen

B- progesterone

C- LH

D- Prolactin

Which part of oviduct has the most complex folding of its mucosa:

A- ampulla

B- interstitial

C- fimbria

D- isthmus

In what structure fertilization normally occurs:

A- lateral one third of the oviduct

B- medial one third of the oviduct

C- posterior wall of the uterus

D- myometrium

A fertilized human ovum that will become a female has:

A- 44 chromosomes + XY

B- haploid number of chromosomes

C- 46 chromosomes + XX

D- 44 chromosomes + XX

Which of the following is not part of the placental barrier:

A- cytotrophoblast

B- connective tissue

C- endometrium

D- capillary endothelium

Milk ejection is caused by which of the following hormones:

A- prolactin

B- estradiol

C- oxytocin

D- FSH

Which of the following is NOT true for lactating mammary gland:

A- each lobe has all its alveoli in the same stage of activity

B- each lobe has 15-20 lactiferous ducts to drain it

C- milk is stored in the form of granules

D- milk is stored in the apical part of the cell & in the lumen

Which of the following is NOT true for Resting mammary gland:

A- contains duct system only, with no secretory unit

B- montogomery glands open into the areola

C- covered with thin connective tissue capsule

D- its vascularity increases at time of ovulation

The decidua basalis is:

A- component of umbilical cord

B- the embryonic conceptus

C- the maternal portion of placenta

D- avascular membrane derived from the chorion

Pregnant endometrium is:

A- blastocyst

B- decidua

C- cytotrophoblast

D- syncytiotrophoblast

All the following is true for decidual reaction Except:

A- change that occurs in the decidua before implantation

B- change that occurs in the decidua after implantation

C- enlargement of stromal cells

D- endometrial capillaries form wide irregular sinusoids

What hormone is required for maintenance of corpus luteum:

A- estrogen

B- LH

C- FSH

D- progesterone

Which of the following is shed as menses:

A- the perimetrial layer

B- the functional layer

C- the basal layer

D- the myometrial layer

Which statement best describes the corpus luteum:

A- it is composed primarily of dense regular connective tissue

B- it produces and secretes progesterone

C- it produces and secretes HCG

D- it contains zona pellucida

Which of the following follicles can be seen by the naked eye:

A- graafian follicle

B- primary follicle

C- secondary follicle

D- primordial follicle

All the following are true for corona radiata Except:

A- low columnar granulosa cells

B- secrete zona pellucida

C- send filopodia through zona pellucida

D- flat squamous granulosa cells

Which is Not true for zona pellucida:

A- glycoprotein material secreted by oocyte

B- glycoprotein material secreted by granulosa cells

C- lipid material secreted by oocyte

D- traversed by microvilli projections from the oocyte

The human ovum & spermatozoon are similar in that:

A- about the same number of each is produced monthly

B- they have the same degree of motility

C- they are about the same size

D- they have the same number of chromosomes

Which of the following is not part of the placental barrier:

A- cytotrophoblast

B- endothelium of maternal capillary

C- endometrium

D- endothelium of fetal capillary

For corpus luteum, all are true except:

A- formed after menestruation

B- Temporary endocrine gland

C- Developed by the stimulus of LH

D- Yellow body