



# الطب والجراحة لبننة

Embryology – midterm exam

دفعه وثين 2020

1-) Chorionic vesicle has all followings except? Select one

- a. Cytotrophoblast
- b. Chorionic cavity
- c. Somatic layer of extraembryonic mesoderm
- d. Antrum
- e. Syncytiotrophoblast

**Answer : D**

2-) The cause of ovulation is? Select one

- a. Formation of corpus albicans
- b. Excessive accumulation of fluid in the antrum
- c. Formation of corpus hemorrhagicum
- d. Increase vascularity in theca externa
- e. Formation of corpus luteum

**Answer: B**

3-) The duration of the menstrual cycle is? Select one

- a. 10 days
- b. 28 days
- c. 30 days
- d. 3-5 days
- e. 7 days

**Answer : b**

4-) What are the meaning of azoospermia? Select one

- a. Absent of sperms
- b. Dead sperms
- c. Short sperms
- d. padequate seminal fluid
- e. Large sperm

**Answer: A**

5-) *The seminal fluid is secreted from all except? Select one*

- a. *Prostate*
- b. *Bulbourethral glands*
- c. *Testis*
- d. *Urethra*
- e. *Seminal vesicle*

*Answer : d*

6-) *All following factors help sperms to reach ampulla of the uterine tube except? Select one: a. Contraction of the smooth muscles of the uterine tube*

- b. *Movements of the tails of the sperms*
- c. *Movement of the cilia of the uterine tube towards the uterine cavity*
- d. *Contraction of the smooth muscles of the uterus*
- e. *Increase amount of secretion*

*Answer: C*

7-) *What is the transparent membrane? Select one*

- a. *Cuboidal cells*
- b. *Stratum granulosum*
- c. *Zona pellucida*
- d. *Granulosa cells*
- e. *Cumulus ovaricus*

*Answer C*

8-) *Gametogenesis in male, is formation of ? Select one*

- a. *Spermatogonium*
- b. *Mature sperm*
- c. *Spermatid*
- d. *Daughter spermatogonium*
- e. *Secondary spermatocytes*

*Answer B*

*:9-) Where the primordial gem cells appear? Select one*

- a. Yolk sac after fertilization*
- b. Yolk sac after puberty*
- c. Yolk sac before fertilization*
- d. Yolk sac at puberty*
- e. Yolk sac at fertilization*

*Answer A*

*10-) :The primordial gem cells present in? Select one*

- a. Capsule of the testis*
- b. Cortex of the testis*
- c. Interstitial tissue of the testis*
- d. Medulla of the testis*
- e. Seminiferous tubules of the testis*

*Answer E*

*11-) :Loss of glycoprotein from the head of the sperm? Select one*

- a. Penetration of zona pellucid*
- b. Sperm capacitation*
- c. Fusion of sperm and primary oocyte*
- d. Acrosomal reaction*
- e. Penetration of corona radiata cells*

*Answer : b*

12-) Which of the following does not present during menstrual bleeding? Select one

- a. Middle spongy layer
- b. Blood
- c. Superficial compact layer
- D. Blood clot
- e. Fibrinolytic enzymes

**Answer D**

13-) Oogenesis is formation of? Select one

- a. The first polar body
- b. The second polar body
- c. Spermatid
- d. Daughter oogonia
- e. Morula

**Answer B**

14-) Zona reaction? Select one

- a. Zona pellucida changes its anatomical composition
- b. Zona pellucida changes its histological composition
- .c. Zona pellucida changes its biochemical composition
- d. Zona pellucida changes its physiological composition
- e. Zona pellucida changes its molecular composition

**Answer C**

:15-) How many cells in morula? Select one

- a. 32
- b. 16

**Answer B**

***:16-) All following steps of the fertilization except? Select one***

- a. Penetration of Graafian follicle***
- b. Sperm capacitation***
- c. Fusion of sperm and ovum***
- d. Acrosomal reaction***
- e. Penetration of corona radiata cells***

***Answer A***

***:17-) How many cavities in bilaminar germ disc? Select one***

- a. One***
- b. Two***
- c. Three***
- d. Four***
- e. five***

***Answer B***

***:18-) The secondary yolk sac is lined by? Select one***

- a. Ectoderm***
- b. Hauser's membrane***
- c. Endoderm***
- d. Ecocolemic membrane***
- e Mesoderm***

***Answer C***

***19-):When reductional meiosis occurs in oogenesis? Select one***

- a. Intrauterine life***
- b. At birth***
- c. After puberty***
- d. At menopause***
- e After fertilization***

*Answer C*

*20-) :What is the nurse cells? Select one*

- a. Interstitial cells*
- b. Primordial gem cells*
- c. Seminiferous tubule cells*
- d. Endothelial cells*
- e. Leydig cells*

*Answer C*

*21-) :Zona reaction? Select one*

- a. Zona pellucida changes its anatomical composition*
- b. Zona pellucida changes its histological composition*
- .c. Zona pellucida changes its biochemical composition*
- d. Zona pellucida changes its physiological composition*
- e. Zona pellucida changes its molecular composition*

*Answer C*

*:22-) The primary sex organ in male is? Select one*

- a. Penis*
- b. Prostate*
- c. Testis*
- d. Epididymis*
- e. Scrotum*

*Answer C*

*23-) The first steps of implantation? Select one: a. Penetration of zona pellucida*

- b. Zona reaction*
- c. Rupture of zona pellucida*
- d. Reach the morula to uterine cavity*
- e. Zona lysine*

*Answer C*

*: 24-) The endometrium during stage of proliferation? Select one*

- a. Flat*
- b. Highly columnar*
- C. Cuboidal*
- d. Columnar*
- e. Squamous*

*Answer C*

*: 25-) The first stage of uterine cycle is? Select one*

- a. Stage of menstruation*
- b. Stage of growth*
- c. Stage of proliferation*
- d. Stage of secretion*
- e. Stage of repair*

*Answer A*

*26-) :All the followings are female genital system except? Select one*

- a. Uterine tube*
- b. Cervix of the uterus*
- C. Epididymis*
- d. Cortex of the ovary*
- e Vulva*

*Answer C*

*27-) How many secondary oocytes from primordial germ cells? Select one*

- a 2*
- b. 4*
- c 8*
- e 10*

*Answer A*



**28-) The primordial germ cells are? Select one: a. Endoderm**

**b. Endothelium**

**c. Ectoderm**

**d. Epithelium**

**e. Mesoderm**

**Answer A**

**:29-) The duration of the ovarian cycle is? Select one**

**a. 10 days**

**b. 28 days**

**c. 30 days**

**d. 3-5 days**

**e. 7 days**

**Answer B**

**:30-) The first result of ovulation formation of? Select one**

**a. Corpus luteum**

**b. Menstrual cycle**

**c. Corpus albicans**

**d. Oogenesis**

**e. Corpus hemorrhagicum**

**Answer E**

**31-) Hauser's membrane is? Select one**

**a. Endoderm**

**b. Cuboidal**

**c. Mesoderm**

**d. Columnar**

**e. Ectoderm**

**Answer A**

32-) :How many sperms at ejaculation? Select one

- a. About 200,000,000
- b. About 8
- c. About 200
- d. About 200.000

**Answer A**

33-) :Lacunar system appears in? Select one

- a. Trophoblasts
- b. Exocoelomic cavity
- c. Cytotrophoblast
- d. Exocoelomic membrane
- e. Syncytiotrophoblast

**Answer E**

:34-) What layer of the ovary secretes estrogen? Select one

- a. Granulosa cells
- b. Theca externa
- c. Antrum
- d. Culumus ovaricus
- e. Theca interna

**Answer E**

35-) Cytotrophoblast is separated from primitive yolk sac and amniotic cavity by? Select one

- a. Hauser's membrane
- b. Ectoderm
- c. Exocoelomic membrane
- d. Endoderm
- e. Extraembryonic mesoderm

**Answer E**

*:36-) Which of the following does not present during menstrual bleeding? Select one*

- a. Middle spongy layer*
- b. Blood*
- c. Superficial compact layer*
- d. Deep basal layers*
- e. Fibrinolytic enzymes*

*Answer D*

*37-) :What are the meaning of dysmenorrhea? Select one*

- a. No bleeding*
- b. Stop bleeding*
- c. Severe bleeding*
- d. Painful bleeding*
- e. Blood clot*

*Answer D*

*:38-) How many sperm penetrates the secondary oocytes? Select one*

- a. One*
- b. Two*
- c. Three*
- d. Four*
- e. Five*

*Answer A*

*:39-) How many first polar bodies from primordial germ cells? Select one*

- a. 2*
- b. 4*
- C.6*
- d. 8*
- e. 10*

*Answer A*

40-) :How many primary oocytes from primordial germ cells? Select one

- a. 2
- b. 10

Answer A

41-) :All the followings are functions of Sertoli cells except? Select one

- a. Phagocytosis of spermatogenesis
- b. Support epithelial cells
- c. Source of nutrition of developing sperms
- d. Have role in spermatogenesis
- e. Formation of blood testis barrier

Answer A

:42-) Which has phagocytic activity? Select one

- a. Trophoblast
- b. Blastocoele
- c. Cytotrophoblast
- d. Embryoblast
- e. Syncytiotrophoblast

Answer E

:43-) The endometrium during stage of repair? Select one

- a. Flat
- b. Highly columnar
- c. Cuboidal
- d. Columnar
- e. Squamous

Answer A

لا تنسونا من صالح دعائكم

بالتوفيق

لجنة الطب والجراحة

