

Embryology - Final

دفعه رَوح

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الطب والجراحة
لجنة

Q1: Origin of intraembryonic mesoderm :

Select one:

- A-Primitive streak**
- B- Epiblast**
- C- Hypoblast**
- D- Notochord**
- E- Prechordal plate**

Answer: B

Q2: Gastrulation is :

Select one:

- A-trilaminar disc is converted into nonlaminar disc**
- B- trilaminar disc is converted into bilaminar disc**
- C- bilaminar disc is converted into nonlaminar disc**
- D- nonlaminar disc is converted into trilaminar disc**
- E- bilaminar disc is converted into trilaminar disc**

Answer: E

Q3: What gives muscles of the tongue :

Select one:

- A-Occipital myotomes**
- B- Lumbar myotomes**
- C- Cervical myotomes**
- D- Coccygeal myotomes**
- E- Sacral myotomes**

Answer: A

Q4: All from Intermediate mesoderm except :

Select one:

- A-Kidney**
- B- Base of urinary bladder**
- C- Pelvic part of Ureter**
- D- Trigone of urinary bladder**

Answer: B

Q5 : Have phagocytotic fuction :

Select one:

- A-Cytotrophoblast**
- B- Syncytiotrophoblast**
- C-Decidua**

Answer: B

Q6 : All are derivatives of the lateral mesoderm except :

Select one:

- A-Pericardium**
- B- Intraembryonic mesoderm**
- C- Pleura**
- D- Extraembryonic mesoderm**
- E- Peritoneum**

Answer: D

Q7 : How many vessels in the definitive umbilical cord :

Select one:

- A-Three**
- B- Five**
- C- Two**
- D- Four**
- E- One**

Answer: A

Q8 : All of these are para-sympathetic ganglia except :

Select one:

- A-Ciliary**
- B- Submental**
- C- Pterygopalatine**
- D- Submandibular**
- E- Enteric**

Answer: B

Q9 : What Cranio-pagus is

Select one:

- A-Twins fused at their gluteal regions**
- B- Twins fused at their thoracic wall**
- C- Twins fused at their heads**
- D- Twins are connected by skin bridge**

Answer: C

Q10 : Diamniotic / Dichorionic is :

Select one:

- A-Two amniotic cavities & two placentas**
- B- Two amniotic cavities & one placenta**
- C- One amniotic cavity & one placenta**
- D- - One amniotic cavity & two placentas**
- E- two placentas only**

Answer: A

Q11 : The Chorion (wall) is formed by :

Select one:

- A-One layer**
- B- Four layers**
- C- Two layers**
- C- Five layers**
- E- Three layers**

Answer: E

Q12 : Median umbilical ligament of the urinary bladder forms from obliterated of ,Select one:

- A-Urachus**
- B- Allantois**
- C- Two umbilical arteries**
- D- left Umbilical vein**

Answer: B

Q13 : Outer layer of blastocyst :

Select one:

- A-Syncytiotrophoblast**
- B- Cytotrophoblast**
- C- Embryoblast**
- D- Trophoblast**

Answer: D

Q14 : All are derivatives of the endoderm except :

Select one:

- A-Parathyroid gland**
- B- Mastoid antrum**
- C- Thymus gland**
- D- Bone of middle ear**
- E- Palatine tonsils**

Answer: D

Q15 : All of these are layers of Placental barrier except :

Select one:

- A- Syncytiotrophoblast**
- B - Cytotrophoblast**
- C- foetal blood**
- D - extraembryonic coelom**
- E - extraembryonic mesoderm**

Answer: D

Q16 : The most common cause for folding is :

Select one:

- A-Rapid increase in the amount of amniotic fluid around the embryo**
- B- Growth and development of the paraxial**
- C- Unequal rate of growth and development of the internal organs**
- D- Rapid growth of the cranial part of the neural tube than its caudal part**

Answer: B

Q17 : Battledore placenta :

Select one:

A-It is attached to the margins of the placenta

B- Attached to the amnion away from placenta

C-The placenta is too deep in the endometrium but doesnot penetrates the myometrium

D- lies in the lower segment of the uterus

Answer: A

Q18 : Placenta attaches to the urinary bladder :

Select one:

A - Placenta praevia parietalis

B - Placenta accreta

C - Placenta praevia centralis

D- Placenta percreta

Answer: D

Q19: Folding of the embryo begins at :

Select one:

A-the fifth week

B- the third week

C- the fourth week

D- the first week

E- the second week

Answer: B

Q20: Ligamentum teres originate from :

Select one:

A-Left umbilical vein

B- Allantois

C- Right umbilical vein

D- Two umbilical arteries

Answer: A

Q21 : Amount of amniotic fluid at 5th month :

Select one:

- A- 350ml**
- B- 250 ml**
- C-1000ml**
- D- 150 ml**

Answer: A

Q22: All of these are types of folding except :

Select one:

- A - tail folding**
- B- neck folding**
- C- head folging**
- D- right folding**
- E- left folding**

Answer: B

Q23: Placenta lies in the lower segment of the uterus :

Select one:

- A-Placenta praevia parietalis**
- B-Placenta praevia marginalis**
- C - Placenta percreta**
- D- Placenta praevia centralis**
- E- Placenta accreta**

Answer: A

Q24 : All are results of head folding except :

Select one:

- A- the heart tube lies dorsal to foregut *****
- B- the heart tube lies dorsal to pericardial cavity**
- C- the heart tube lies ventral to foregut**
- D- the septum transversum lies caudal to the heart tube and pericardial cavity**
- E- the oral membrane and stomodeum (primitive mouth cavity) ventral to the heart tube and pericardial cavity**

Answer: A

Q25 : It is used as an early indicator of pregnancy :

Select one:

- A- Human chorionic cortico-trophin hormone**
- B- Human chorionic thyro- trophin hormone**
- C- Human chorionic gonadotrophic hormone (HCGH)**
- D- progesterone**
- E- Estrogen**

Answer: C

Q26 : All are results of tail folding except :

Select one:

- A-The colacal membrane ventral to caudal end of embryo**
- B- The connecting stalk ventral to empyro**
- C- The colacal membrane ventral to allantois**
- D- The connecting stalk containing allantois and VID**

Answer: C

Q27: All are results of lateral folding except :

Select one:

- A- The caudal parts of the intraembryonic coelom fuse together to form a single pericardial cavity**
- B- the dorsal wall of the embryo connect to dorsal mesentery**
- C- The embryo becomes cylindrical in shape**
- D- Midgut**
- E- The intermediate mesoderm becomes dorsal to the peritoneal cavity.**

Answer: A

Q28 : Epiblast is ,Select one:

- A- Endoderm**
- B- Caudal**
- C- Ectoderm**
- D- Ventral**

Answer: C

Q29 : All functions of the amnion except :

Select one:

- A- Antiseptic medium for the vagina**
- B- Free movement of the fetus**
- C- Lubricant for the vagina**
- D- Keeps a constant temperature around the fetus**
- E- Dilatation of the vagina**

Answer: E

Q30 : 2ry yolk sac is lined by :

Select one:

- A- endoderm**
- B- ectoderm**
- C- mesoderm**
- D- husers membrane**

Answer: A

Q31 : Persistence of the VID duct :

Select one:

- A- Vitelline sinus**
- B- Vitelline cyst**
- C- Vitelline fistula**
- D- Meckel's diverticulum**
- E- Fibrous band**

Answer: C

Q32 : Urachal sinus :

Select one:

- A- Persistence of the Urachus**
- B- Persistence of the distal end**
- C- Persistence of the middle part**

Answer: B

Q33: All following are functions of amniotic fluid except :

Select one:

A-adhesion

B- protection

C - excretion

D - suckling reflex

E- nutrition

Answer: A

Q34 : All of these form the primitive umbilical cord except :

Select one:

A) extra-embryonic mesoderm

B) allantois (urachus)

C) intraembryonic mesoderm

D) loops of intestine

E) 2 umbilical vein

Answer: C

Q35 : The umbilical cord attached to :

Select one:

A- Decidua basalis ***

B- Endometrium

C- Myometrium

D- Decidua capsulares

E- Decidua parietalis

Answer: A

Q36: the type of arteries that affected by pregenancy :

Select one:

A- decidual artery

B - straight artery

C- Spirl artery

D- Basel artery

Answer: C

Q37 : All are derivatives of ectoderm except :

Select one:

A-Sweet gland

B-Vestibular gland

C- Hairs gland

D- nails gland

Answer: B

Q38 : All of these from sclerotome except:

Select one:

A - first rib

B - last rib

C - first vertebra

D - last vertebra

E-vault of the skull

Answer: E

Q39: Smal window in placenta :

Select one:

A-Fenestrated placenta

B- Circumvallate placenta

C-Velamentous placenta

D- Placenta succenturiate

Answer: A

Q40 : One of these is not true about amniotic fluid circulation :

Select one:

A- secretion by placenta

B- secretion of kidney

C- Swallowing by fetus

D- absorption by intestine

E- secretion of maternal blood

Answer: E

Q41 : After folding margins of the embryo meet in :

Select one:

- A-Umbilical cord**
- B-amniotic cavity**
- C-defenitive yolk sac**
- D- midgut**

Answer: A

Q42 : All true about monozygotic except :

Select one:

- A-has one placenta**
- B- has two umbilical cord**
- C- has two amniotic cavity**
- D- chromosomal pattern is not identical**

Answer: D

Q43 : One of these is benign tumor :

Select one:

- A-Malignant tumor**
- B- Vesicular mole**
- C- Chorion epithelioma**

Answer: B

Q44 : Formation of primitive yolk sac at :

Select one:

- A-at the 9th day**
- B-at the 5th week**
- C-at the 2nd week**
- D-at the 5th day**

Answer: A

Q45 : Formation of blastocyst at :

Select one:

- A- after fifth week of fertilization**
- B- after first week of fertilization**
- C- after second week of fertilization**
- D- after third week of fertilization**

E- after fourth week of fertilization

Answer: B

Q46 : All the following cross the placenta barrier except :

Select one:

A- Poliomyelitis

B- Syphilis

C- AIDs

D- Streptococcus

E- Measles

Answer: D

Q47 : All are derivatives of neural crest except :

Select one:

A- Dura matter

B- Pia matter

C- White skin

D- Ganglia

E- Green iris

Answer: A

Q48 : All are derivatives of neural crest except :

Select one:

A- Medulla

B- Schwann cells

C- Pigment cells

D- Suprarenal cortex

E- pia matter

Answer : D

Q49 : All are derivatives of ectoderm except :

Select one:

A- inner ear

B- neural tube

C- Female urethra

D- paranasal sinuses

E- salivary glands

Answer: C

Q50: All the following components of amniotic fluid except :

Select one:

- A-Urea
- B- Urine
- C- Protein
- D- Carbohydrate
- E- Meconium

Answer: E

Q51: All the following cross the placenta barrier except :

Select one:

- A-Carbohydrate
- B- Fat
- C- Amino acid
- D- Creatinine
- E- Minerals

Answer: D

Q52 : One of these is false about decidua :

Select one:

- A-endometrium is avascular
- B- endometrium becomes thicker
- C- ts glands become highly tortuous and filled with secretions
- D- It contains decidual cells

Answer: A

Q53: The embryo becomes cylindrical in shape after :

Select one:

- A- Folding
- B-Fertilization

Answer:A

ولم أجد الإنسان إلا ابن سعيه ... فمن كان أسعى كان بالمجد أجدرا ، وبالهمة العلياء
يرقى إلى العلاء ... فمن كان أرقى همّة كان أظهرا ، ولم يتأخر من يريد تقدما ... ولم
يتقدم من يريد تأخرا. - ابن هاني الأندلسي

بالتوفيق ، ولا تنسونا من صالح دعائكم

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