EMBRYO ARCHIVE

FINAL 199





1.The most dangerous anomaly of the umbilical cord is: A-Urachal fistula B-Urachal cyst C-true knotting of the cord D-very long cord Answer: C ** a very long cord is manageable by the healthcare team but a true knotting of the cord causes stillbirths in most cases ** 2. Abnormal increase in ———leads to gestational DM A. HCCH

- B. HCGH
- C. HCTH
- D. HCSH

Answer:D. HCSH

3.The folding starts at ____and ends at ____

- A. 3rd week, 5th week
- B. 2nd week, 4th week
- C. 3rd week, 4th week
- D. 2nd week, 3rd week

Answer: C. 3rd week/4th week

4. There is _____ types of embryonic folding.

- **A. 2**
- **B.** 3
- **C.** 4
- D. 5

Answer: C. 4 types

5.All of these are characteristics of monozygotic EXCEPT:

- A. They have different sexes
- **B.** They are identical
- C. They share one common placenta
- D. Just like the dizygotic, they have 2 amniotic cavities and 2 umbilical cords.

Answer: A. They have different sexes





- A. Craniopagus
- **B. Pygopagus**
- C. Thoracopagus
- **D. Siamese twins**

Answer: B. Pygopagus

7. A woman missed all her prenatal care and goes to the clinic later on in her pregnancy. You evaluate her and her baby and find that her baby has anencephaly. You remember the main cause of anencephaly was..

- a) not fully formed skull bone formation
- b) failure of closure of the posterior neuropores
- c) failure of closure of the Anterior neuropores
- d) Polyhydramnios

The answer: C. failure of closure of the anterior neuropores

8.All of the following are organisms that cross placental barrier except:

A-poliomyelitis

B-AIDS

C-syphilis

D-measles

E- none of the above

Answer: E. None of the above

9. The following VID congenital anomaly causes an odor to be released from the umbilicus:

- A. Fistula
- **B.** Sinus
- C. Cyst
- D. Fibrous band
- E. Meckel's diverticulum

Answer: B. Sinus

10. The following VID congenital anomaly is the most dangerous one:

- A. Fistula
- **B. Sinus**
- C. Cyst
- D. Fibrous band
- E. Meckel's diverticulum

Answer: D. Fibrous band



11. The following VID congenital anomalies are arranged in terms of dangerousness discerningly:

- A. Fistula, cyst then fibrous band
- B. Fibrous band, fistula then cyst
- C. Cyst, fistula then fibrous band
- D. Fibrous band, cyst then fistula

Answer: B. Fibrous band, fistula then cyst

12. The following VID congenital anomaly can mimic the pain of appendicitis:

- A. Fistula
- **B. Sinus**
- C. Cyst
- D. Fibrous band
- E. Meckel's diverticulum

Answer: E. Meckel's diverticulum

13. The most common cause of folding is:

- A. Development of somites
- B. Rapid increase in amniotic fluid
- C. Rapid growth of neural tube's cranial part compared to its caudal part
- D. Unequal rate of growth of internal organs

Answer: A. Development of somites

14. The placental barrier layers from inside to outside are:

- A. Endothelium of fetal blood vessels, Extraembryonic mesoderm, Cytotrophoblast, Syncytiotrophoblast
- B. Syncytiotrophoblast, Cytotrophoblast, Extraembryonic mesoderm, Endothelium of fetal blood vessels
- C. Endothelium of maternal blood vessels, Cytotrophoblast, Syncytiotrophoblast, Extraembryonic mesoderm
- D. Extraembryonic mesoderm, Syncytiotrophoblast, Cytotrophoblast, Endothelium of fetal blood vessels

Answer: A. Endothelium of fetal blood vessels, Extraembryonic mesoderm, Cytotrophoblast, Syncytiotrophoblast

15. Polyhydroaminos is a sign of all of these except:

- a.Anencephaly
- **b.**Diabetic mother
- c.Diabetic father
- d.Monozygotic Twins

Answer: C.Diabetic father



16.The somites originate from the following mesodermal layer:

- A. Extraembryonic mesoderm
- **B.** Intermediate mesoderm
- C. Paraxial mesoderm
- D. Lateral plate mesoderm

The answer: C. paraxial mesoderm

17.The following hormone regulates the proteins metabolism of the mother for the embryo:

- A. HCCH
- B. HCGH
- C. HCTH
- D. HCSH

Answer:D. HCSH

18. The .. can be found in remnants of the nucleolus pulposus related to intervertebral discs.

- A. Umbilical chord
- **B. Notochord**
- C. Hindbrain
- D. Midbrain

Answer: B. notochord

19. Among the derivatives of the neural crest there is:

- A. Melanocytes
- **B.** Retina
- C. Pineal gland
- D. Pituitary gland

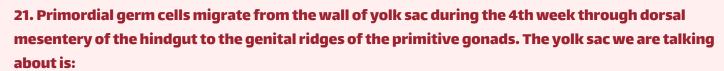
Answer: A. Melanocytes

20.All of the following are true according to lateral folding except:

- A-The embryo becomes cylindrical in shape
- B-Vitello-intestinal duct between hind gut and definitive yolk sac
- C-The caudal parts of the intraembryonic coelom fuse together Single peritoneal cavity to form a single peritoneal cavity
- D-The intermediate mesoderm becomes dorsal to the peritoneal cavity

Answer: B. B-Vitello-intestinal duct between hind gut and definitive yolk sac





A. Primary (primitive) yolk sac

B. Secondary (definitive) yolk sac

C. Both A and B

D. None of the above

Answer: B. Secondary (definitive) yolk sac



