

Embryology, Test2, Summer 2006

- 1. The part of the chorion that participates in the functional part of the placenta at the embryonic pole is the \_\_\_\_\_.
  - a. chorion laeve
  - b. decidua capsularis
  - c. chorion frondosum
  - d. decidua parietalis
  
- 2. The chorion that is smooth is called the \_\_\_\_\_.
  - a. chorion laeve
  - b. decidua capsularis
  - c. chorion frondosum
  - d. decidua parietalis
  
- 3. The part of the endometrium that covers the chorion laeve is the \_\_\_\_\_.
  - a. chorion laeve
  - b. decidua capsularis
  - c. chorion frondosum
  - d. decidua parietalis
  
- 4. Endometrium that lines the uterus not in contact with the chorionic plate is the \_\_\_\_\_.
  - a. chorion laeve
  - b. decidua capsularis
  - c. chorion frondosum
  - d. decidua parietalis
  
- 5. Deficient amniotic fluid is called \_\_\_\_\_.
  - a. erythroblastosis fetalis
  - b. oligohydramnios
  - c. fetus papyraceus
  - d. polyhydramnios
  
- 6. Which of the following is associated with limb defects (amelia, phocomelia)?
  - a. thalidomide
  - b. cretinism
  - c. fetal alcohol syndrome
  - d. spina bifida
  
- 7. Which of the following is associated with deficient thyroid hormone \_\_\_\_?
  - a. thalidomide
  - b. cretinism
  - c. fetal alcohol syndrome
  - d. spina bifida

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8. Which of the following is associated with deficient folic acid?  
a. thalidomide  
b. cretinism  
c. fetal alcohol syndrome  
D (d) spina bifida
9. The axial skeleton develops from \_\_\_\_\_ mesoderm.  
a. extraembryonic  
D (b) lateral plate  
c. intermediate  
D (d) paraxial mesoderm
10. The bones of the appendicular skeleton are derived from the \_\_\_\_\_ mesoderm.  
B (a) extraembryonic  
B (b) lateral plate  
c. intermediate  
d. paraxial mesoderm
11. The bones that encase the brain are called the \_\_\_\_\_.  
A (a) neurocranium  
b. preaxial skeleton  
c. viscerocranium  
d. postaxial skeleton
12. For the most part, bones that form the face are part of the \_\_\_\_\_.  
C (a) neurocranium  
b. preaxial skeleton  
C (c) viscerocranium  
d. postaxial skeleton
13. Sclerotomes develop from \_\_\_\_\_ mesoderm.  
A (a) paraxial  
b. intermediate  
c. lateral plate  
d. extraembryonic
14. Dermomyotomes develop from \_\_\_\_\_ mesoderm, also.  
A (a) paraxial  
b. intermediate  
c. lateral plate  
d. extraembryonic

15. The caudal part of one \_\_\_\_\_ will migrate into the cranial part of the next one below it to form a \_\_\_\_\_.
- a. dermatome / vertebral body
  - b. dermatome / somite
  - c. sclerotome / vertebral body
  - d. sclerotome / somite
16. In limb formation, the \_\_\_\_\_ stimulates mesoderm to lengthen the limb buds.
- a. apical ectodermal ridge
  - b. sclerotome
  - c. dermatome
  - d. neural crest cells
17. Which of the following is not derived from splanchnic mesoderm?
- a. heart
  - b. stomach
  - c. colon
  - d. soleus
18. Myotomes will produce \_\_\_\_\_ which fuse and form myotubes.
- a. sclerotomes
  - b. myoblasts
  - c. dermatomes
  - d. neural crest
19. Which of the following muscles is not formed from the epimere?
- a. rectus abdominis
  - b. longissimus
  - c. iliocostalis
  - d. spinalis
20. Which of the following muscles is not formed from the hypomere?
- a. brachialis
  - b. soleus
  - c. quadratus lumborum
  - d. erector spinae
21. Which of the following have single, centrally located nuclei, sarcomeres and intercalated discs.
- a. skeletal muscle
  - b. smooth muscle
  - c. cardiac muscle
  - d. iris



22. The yolk sac opens into the \_\_\_\_\_.
- a. chorionic cavity
  - b. foregut
  - c. midgut
  - d. hindgut
23. The septum transversum separates the thoracic and \_\_\_\_\_ cavities.
- a. abdominal
  - b. pericardial
  - c. pleural
  - d. chorionic
24. The falciform ligament and ventral mesentery are derived from the \_\_\_\_\_.
- a. pleuroperitoneal folds
  - b. dorsal mesentery
  - c. pleuropericardial folds
  - d. septum transversum
25. The central tendon of the diaphragm is derived from the \_\_\_\_\_.
- a. pleuroperitoneal folds
  - b. dorsal mesentery
  - c. pleuropericardial folds
  - d. septum transversum