



Anatomy & Embryology

Final Exam



Theoretical Questions:

1. Fundus of stomach is supplied by:

- A. splenic artery
- B. hepatic artery
- C. left gastric artery
- D. right gastric artery
- E. median sacral artery

Answer>> a

2. Superior thoracic aperture is bordered by:

- a. T1, rib2 and xiphoid process of sternum
- b. C1, rib 1 and manubrium of sternum
- c. T1, rib1 and manubrium of sternum
- d. T3, rib2, body of sternum

Answer>>> c

3. When you perforate the upper aspect of the intercostal space by needle, the structure which is the most at risk at this situation is:

- A. vein
- B, artery
- C. superficial fascia
- D. nerve

Answer>>>d

4. true about articulation of vertebrae with ribs and sternum:

- a. rib1 articulates with T1, C VII and manubrium of sternum
- B. rib 2 articulates with T2, T3
- C. rib 5 articulates with T5, T4 and the body of sternum
- D. rib 10 articulates with T10, T9 without articulation with sternum

Answer>>>>c

5. Which of the following structure is located posteriorly to the heart:

- A. left bronchus
- B. vagus nerve
- C. phrenic nerve
- D. esophagus

Answer>>> b (I am not sure)

6. If you want to work on the heart, you have to shift the blood from the heart before the surgery, usually the shifting process is being done by putting a clamp in the:

- a. Transverse sinus
- B. oblique sinus

Answer>>>a

7. about lungs:

- A. left lung is more likely to accumulate fluids in its pleura
- B. left lung is smaller than right lung
- C. presence of lingual in the right lung

Answer>>>b

8. The muscle which its fibers pass obliquely postero-inferiorly and extend between the inner surfaces of adjacent ribs is:

A. innermost intercostal muscles

B. internal intercostals muscles

C. subcostals

D. transversus thoracic

Answer>>>a

9. Early implantation happens to:

A. early morula

B. late morula

C. blastocyst

Answer>>> c

10..... which separates fetal pole from the maternal part is:

A. decidua basalis

B. decidua capsularis

C. decidua parietalis

Answer>>a

11. All of the following are derivatives of medial mesoderm except:

A. sclerotome

B. flexor muscles of the vertebral column

Answer>>>b

12. A woman went to a doctor to check that if she has breast cancer, the doctor observed winged scapula, the nerve in this situation which is affected:

- A. Axillary nerve
- B. ulnar nerve
- C. musculocutaneous nerve
- D. long thoracic nerve
- E. suprascapular nerve

Answer>>>d

13. All of the following muscles are supplied by deep branch of radial nerve except:

- A. extensor digiti minimi
- B. extensor digitorum
- C. extensor carpi radialis longus
- D. extensor indicis

Answer>>>c

14. Which of the following muscles has insertion in proximal phalanges:

- A. palmar interossei
- B. dorsal interossei
- C. lumbricals
- d. Palmaris brevis

Answer>>> b

15. Question about thenar muscles, what is the wrong:

A. the Four thenar muscles supplied by median nerve

Answer>> a

16. The part of the heart that has the largest portion of the base:

A. right ventricle

B. left ventricle

C. right atrium

D. left atrium

Answer>>> d

17. Question about someone is shot by a gun at his chest near to the level of T4, which part of the heart will be the most at risk:

A. right atrium

B. left atrium

C. left ventricle

D. right ventricle

E. aorta

Answer>>> a

18. The nerve which is responsible of the action of someone when he tries to put his hand on other tip of his shoulder passing the chest not above of the head:

A. long thoracic nerve

B. pectoral nerve

C. radial nerve

D. thoracodorsal nerve

E. suprascapular nerve

Answer>>> b

19. The form of male gamete in which is 1n- immature (undoubled chromosomes):

1. 1ry spermatocyte

2. 2ry spermatocyte

3. Spermatid

4. Sperm

Answer>>> 3

20. Nucleus pulposus is derived from:

A. neural crest

B. the notochord

Answer>> b

21. Extraembryonic splanchnopleuric mesoderm lines:

A. yolk sac

B. amnion

C. primary villi

Answer>>> a

22. Question about vaginal examination, what is the wrong:

A. trigger heavier bleeding

B. dangerous procedure

C. is carried out in the operating theatre, so that the operation can be performed slowly

Answer>>>c

23. The sperm:

a. 22 chromosomes + X, X

B.45 chromosomes + X, X

C.22 chromosomes+ X, Y

d. 45 chromosomes + X, X

24. Question about the relations of the second part of the axillary artery, what is the true:

Practical Questions :

25. Question of a picture about nerve injury:

The answer was claw hand

26. Picture of triangle space and asked about the structure which passes through:

A. profunda brachii artery

B. circumflex scapular artery

C. axillary nerve

D. radial nerve

Answer>> b

27. Picture of the upper part of the shoulder (head of humerus into glenoid cavity) and asked about the muscle that has an exception in terms of the attachment (origin or insertion):

Answer was long head of triceps because its origin below the humerus unlike other muscles found in the choices

28. Picture of the arterial anastomosis around the elbow joint, which of the following arteries does not interfere in this anastomosis:

29. picture of abdominal aorta, define the artery which is in the box:

Answer: inferior mesenteric artery

30. Picture of a nerve passing the forearm and arm, define that nerve:

Answer was musculocutaneous nerve but I am not sure

31. picture of diaphragm, define the structure that pass central tendon through hiatus:

Answer was inferior vena cava

32. Picture of diaphragm, and he asked at what level the aortic hiatus is located:

Answer was T12

33. Picture about diaphragm, and he asked at what level the esophageal hiatus is located:

Answer was T10

34. Picture of the right lung and asked about the cardiac impression:

Answer was right atrium

35. Picture of right lung and asked about the impression behind the root:

Answer was esophagus

36. Picture of heart, define the part which is in the box:

A. apex

B. base

Answer>>> a

37. A picture of inside the thoracic cage (organs), define the structure:

Answer was descending aorta

38. Picture of rib 1, what is the wrong:

Answer was that it articulates with CVII and T1