

## ANATOMY WRITTEN TEST

Date

Name

Embryology scores /10

Total scores / 40

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## ANSWER SHEET

**(ONLY FOR DEMONSTRATIONAL PURPOSE - These are not the correct answers)**

Please, mark as appropriate

	A	B	C	D	E
1					
2		X			
3			X		
4					
5	X				
...					
...					
..					
..					
38	X	X	X		X
39		X			
40		X	X	X	X

## QUESTIONS

### ***No of question set/date/package***

Please, do not write on this paper with a purpose of submitting the answers. These sheets are not going to be evaluated.

USE THE ANSWER SHEET TO MARK THE CORRECT ANSWER/S.

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ANATOMY (1-20):

#### **Simple choice**

Choose only one correct answer

1. Which of the following is a deep flexor of the crus(leg)?
  - a, supinator
  - b, soleus
  - c, flexor digiti minimi, deep head
  - d, peroneus (fibularis) longus
  - e, tibialis posterior
  
2. Which of the following will not have an origin or an insertion on the mandible?
  - a, medial pterygoid
  - b, omohyoid
  - c, anterior belly of digastric
  - d, mylohyoid
  - e, masseteric
  
3. Which of the following statement is TRUE concerning the median atlantoaxial joint?
  - a, The articular head is located on the spinous process of the atlas.
  - b, The dens axis will also participate in the formation of the articular cavity of the atlantoaxial joint.
  - c, It is a spheroid joint.
  - d, It does not utilize rotational movements.
  - e, One of the articular ligaments will be called transverse atlantic ligament.
  
4. Which of the following connections will not lead to the middle cranial fossa?
  - a, Foramen rotundum
  - b, Sphenopalatine foramen
  - c, Carotid canal
  - d, Superior orbital fissure
  - e, Foramen spinosum

...

#### **Multiple choice**

Please mark all the correct answers!

16. Which of the following statements will be true?
  - a, The lateral upper border of the popliteal fossa is marked by the tendon of biceps brachii.
  - b, The great saphenous vein opens into the popliteal vein.
  - c, The insertion of the semitendinosus forms part of the (superfic) pes anserinus
  - d, The popliteal artery enters the popliteal fossa through the adductor hiatus.
  - e, The patellar surface of the femur forms part of the floor of the popliteal fossa.

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## HISTOLOGY (20-30)

### Simple choice

Choose only one correct answer

21. What is produced by the serous acini (secretory portions)?
- a, Heparin, histamin, or in certain animal species, serotonin. b
  - b, Saliva rich in proteins and digestive enzymes
  - c, Plazma cells
  - d, Collagen or, to a lesser extent, elastic fibres
  - e, Mucin
22. Which of the following cells is a multipolar neuron?
- a, astrocyte
  - b, oligodendroglia
  - c, pyramidal neuron
  - d, satellite cell
  - e, ependyma
- 

### Multiple choice

Please mark all the correct answers!

23. The following statements are TRUE concerning the striated muscle tissue
- a, The histological unit corresponds to the muscle cell
  - b, The functional, or, electron microscopical unit corresponds to the sarcomer
  - c, In a cross section, polygonal profiles are apparent with the nuclei located under the sarcolemma
  - d, "A " bands stain darker than "I" bands in the longitudinal section
  - e, The nuclei are round and occupy a central position
- 

## EMBRYOLOGY (30-40)

### Simple choice

Choose only one correct answer

24. Which of the following is TRUE concerning neurulation?
- a, A thickening in the endoderm will form the neural plate where neurulation will happen.
  - b, The fusion of the neural folds will start on Day 6-7 following fertilization.
  - c, The closure of the anterior and posterior neuropores will happen a couple of days apart.
  - d, A bifid spine (*spina bifida*) is the consequence of a defect in the closure of the anterior neuropore
  - e, The inductive factors play only a negligible role in this procedure.
- ...
- 

### Multiple choice

Please mark all the correct answers

25. Which of the following WILL NOT contribute to the fetal part of the placenta?
- a, chorionic plate
  - b, tertiary chorionic villi
  - c, placental septum
  - d, decidua basalis
  - e, decidua marginalis