



Assiut University

First Semester Examination
Course: Comparative Splanchnology
Level: Second
Code: AHE: 206

تشريح أجهزة مقارن
المستوى الثاني
الفصل الدراسي الأول ٢٠١٦/٢٠١٧
الورقة الأولى



Fac. of Vet. Med.
Dept. of Anat., Histol. & Embryol.

Date: 22/1/2017

Time allowed: 2 hours

Answer all the following questions illustrating your answers with diagrams as possible:

I. Write short notes on:

1. Lung of pig. (2.5 marks)
2. Structures present in the cranial mediastinum. (3.5 marks)
3. Root of the lung. (1.5 marks)
4. Lines of pleural reflection. (1.5 marks)

II. Give an account on:

1. Anatomical differences between stomach of dog and horse. (4 marks)
2. Gastric groove. (4 marks)
3. Lymph drainage of the pelvic organs. (4 marks)

III. Write on the followings:

1. Fixation of the liver. (3 marks)
2. Ascending colon of ruminants. (3 marks)
3. Superficial cervical lymph node. (4 marks)

IV. Fill in the spaces:

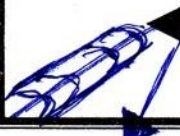
(One mark each)

- 1- The hilus of the spleen divides the visceral surface into and intestinal surface.
- 2- The ascending duodenum is attached to the *colon* by the duodenocolic ligament.
- 3- In dog, the gall bladder could be seen from both surfaces due to *position liver*.
- 4- The cranial part of the stomach grows rapidly than the caudal part therefore the cranial part becomes
- 5- The second rotation of the stomach is due to the enlargement of the on the right side.
- 6- The hepatic bud constricts from the duodenum to form *hepaticoduodenal*.
- 7- When the bile duct fails to reopen, this anomaly is termed

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- 8- The main pancreatic duct drains the ventral pancreas and dorsal
- 9- When the intra-abdominal pressure is decreased leading to of the midgut.
- 10- Anomalies of the midgut in relation to the vitelline duct include vitelline fistula, vitelline cyst and
- 11- The hindgut gives off the distal third of the transverse colon, and the rectum.
- 12- The ductus venosus connects the left umbilical vein with the
- 13- The foramen ovale develops into postnatally.

V. Choose the correct answer: (One mark each)

- 1- The proper axillary lymph node lies caudal to the joint.
 { stifle – shoulder – elbow – hip }
- 2- The caudal mediastinal lymph node is situated along the dorsal aspect of
 { trachea – caudal vena cava – aorta – esophagus }
- 3- The skin of the abdominal wall is drained by lymph node of paralumbar fossa, lymph nodes.
 { superficial inguinal and popliteal – superficial inguinal and deep inguinal – }
 { superficial inguinal and subiliac }
- 4- The tracheal trunks terminate on the left side in the
 { right lymphatic duct – cisterna chyli – thoracic duct – lateral retropharyngeal L. n. }
- 5- The visceral trunk collects the lymph from viscera.
 { pelvic – abdominal – abdominal and pelvic – thoracic }
- 6- The thoracic duct is formed by
 { visceral trunk & lumbar trunks – cisterna chyli & lumbar trunks – cisterna chyli – }
 { right lymphatic duct }

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 ٢٠١٦/٢٠١٧ المستوى الثاني / الفصل الدراسي الأول

الورقة الثانية "With best wishes"

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