



Assiut University

المستوى الثانى
تشريح جهاز عصبى
الفصل الدراسى الثانى ٢٠١٧/٢٠١٨
1:2

Second Semester Examination
Subject: Anatomy
Level: Second
Course Code: AHE: 207



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

Date: 10 / 6 / 2018

Time allowed: 2 hours

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

I- Write short notes on:

- 1- Nasal cartilages in horse. (3 marks)
- 2- Frontal sinus in different domestic animals. (4 marks)
- 3- Arytenoid cartilage. (3 marks)
- 4- Extrinsic muscles of the larynx. (2 marks)

II- Write on the followings:

- 1- Difference between the meninges of the spinal cord and brain. (4 marks)
- 2- In a **table**, list the divisions of the brain. (4 marks)
- 3- Enumerate the mixed cranial nerves and describe the clinical symptoms resulting from damage of **two** of them. (4 marks)

III- Give an account on:

- 1- The anatomical features of the tongue of the horse. (2 marks)
- 2- The hard palate of dog and pig. (3 marks)

IV- Fill in the spaces:

(One mark each)

- 1- The nasopharynx is connected with the nasal cavity through the
- 2- The muscles of the pharynx develop from the and fourth pharyngeal arches.
- 3- The nerve supply of the muscles of the soft palate is derived from the mandibular and nerves.
- 4- The ear drum originates from the first pharyngeal groove and
- 5- When the cervical sinus enlarges, it gives an anomaly termed
- 6- Preauricular cyst and fistula are remnants of the
- 7- The ganglia is the source of the sympathetic innervation of the head region.

انظر خلفه ←

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- 8- The parasympathetic innervation of the organs of the neck, thorax and abdomen is the nerve.
- 9- The cranial nerves which carry parasympathetic fibers are in number.
- 10- The pelvic plexus supplies the organs within the cavity.
- 11- The part of preganglionic nerve fibers between the paravertebral and prevertebral ganglia is termed nerve.
- 12- The fourth ventricle develops from the cavity of the metencephalon and
- 13- The wall of the neural tube in the spinal cord region is formed of three layers; ependymal, mantle and layers.
- 14- The adrenal medulla develops from the
- 15- Myelocele results from failure of the caudal part of the neural tube to
- 16- The peripheral nervous system comprises

V- Choose the correct answer:

(One mark each)

- 1- The ventral nasal meatus conducts air to the pharynx and so it is termed meatus.
[sinus - respiratory - olfactory]
- 2- The free ends of the trachea are overlapped in the
[dog and goat - horse and dog - horse and pig]
- 3- The parotid papilla is found in the
[labial vestibule - buccal vestibule - floor of the oral cavity proper - sublingual]
[recess]
- 4- The has no monostomatic sublingual salivary gland.
[dog - pig - horse - ox]
- 5- The root of the tongue is attached to the soft palate by thefold.
[palatopharyngeal - glossopalatine - sublingual]

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"With best wishes"

ملحوظة:

الامتحان الشفهي بعد النظري مباشرة بمقر القسم

Examiner Committee: Staff Members of Anatomy and Embryology.

Exam Coordinator: Prof. Dr. Yousria Abd El-Rahman.