



Q1-answer the following put (T) or (F) (8 marks)

- 1- The nervous system is the main controller and organizing system of the body.
- 2- pons they are gray masses found on the dorsal roots of the Spinal cord.
- 3- The brain can be subdivided into: cerebrum, cerebellum, only.
- 4- Movement of lymph is effected of internal forces
- 5- Optic nerve it is motor nerve arise from ganglionic layer of the retina
- 6- C.S.F derived mainly from the blood in the choroid plexuses of Ventricle
- 7- Trigeminal nerve it is biggest spinal nerve
- 8-Produce and carry R.B.C (lymphocytes) and produce antibody.
- 9-the heart is divided into four chamber in all animal.
- 10- the blood supply of heart is aorta.
- 11- bicuspid valve is locate in between the atrium chamber.
- 12-atrium chamber thick than the ventricle chamber.
- 14- hemal node Small node red-dark brown, characterized by present of the afferent and efferent vessels.
- 15- parotid lymph center it is located at the cranial border of the ramus of mandible.
- 16- Recto-anal lymph nodes They are divided into Anterior and posterior group.

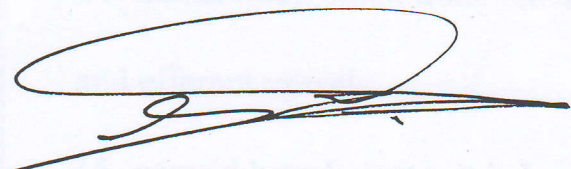


Q 3- answer (5) of the following questions. (18 marks)

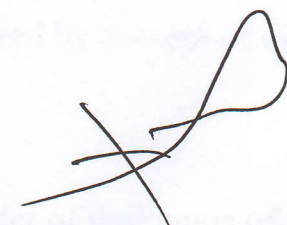
- 1- describe the Cerebrospinal fluid (C.S.F.).
- 2- Enumerate the meninges of the brain and explain one.
- 3- Explain the blood vessels of the heart.
- 4 - Discuss the tricuspid valve.
- 5- Enumerate the Functions of lymphatic system.
- 6- Compare the spleen between hors and ox.

Q 4 - Define the following structure : answer (4) (4 marks)

- 1Ganglia
- 2- Cerebrum
- 3- Fossa ovale
- 4- Lymph fluid
- 5- Solitary lymphatic nodules.



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