

Mansoura University  
Faculty of Veterinary Medicine  
Department of Anatomy

Examination of Comparative and Applied Anatomy  
For 2<sup>nd</sup> year students (1<sup>st</sup> semester)

Time allowed 2hrs

Date : 29/12/2014

Please answered all questions .

برجاء الاجابه للاسئله كلا على حده مع عدم التداخل

I-Complete the vacant spaces and put line under the write answer (10 marks)

- The apex of the heart is directed-----.
- The coronary grooves completely encircles the heart except at the ----- behind which the ----- groove originate.
- The mediastinal space contains all the thorax organs except the----- , ----- and -----.
- The interlobar pulmonary fissures are very deep in----- but absent in ----- and -----.
- The superficial pulmonary lobulation is obvious in ----- and ----- but not distinct in ----- and -----.
- The right cranial pulmonary lobe in ----- and ----- is ventilated by the ----- , while that of the ruminant and pig is ventilated by the ----- which bifurcated into cranial and caudal segmental bronchi in ----- and ----- but not in ----- and -----.
- The sinus venarum receives the openings of ----- while the coronary sinus receives that of -----.
- The cisterna chyli was formed by confluence of the ----- and ----- lymph trunks and drained by ----- which collects the lymph all over the body except -----, -----, ----- and ----- where it collected by -----.
- Both major and minor pancreatic ducts are retained in horse and dog but the major one is absent in ----- and ----- as well the minor one is absent in ----- and -----.
- ----- is lymphatic organ interposed in course of the blood stream and located in left ----- region in close association with the ----- of the unilocular stomach but with the ----- of multilocular one.
- The sigmoid colon present in ----- while the ampulla rectae present in -----.
- The omental bursa in ox contain ----- but invaginated by the -----.