

UNIVERSITY OF JAFFNA, SRI LANKA
SECOND EXAMINATION FOR MEDICAL DEGREES – JUNE 2009
ANATOMY PAPER II

Date: 08.06.2009

Time: 3 hours

Answer all **six** questions

Answer each question in separate book.

1. Regarding shoulder joint
 - 1.1 Classify the joint (10 marks)
 - 1.2 Describe the capsular attachment of the joint (15 marks)
 - 1.3 Describe the factors determining the stability of shoulder joint? (20 marks)
 - 1.4 List the movements of the joint and the principal muscles involved in it. (30 marks)
 - 1.5 What kind of dislocation is common and name an important structure that can be damaged by this dislocation ? (15 marks)
 - 1.6 How will you clinically find out 1.5? (10 marks)

2. Regarding the venous drainage of lower limb
 - 2.1 Describe the course of great saphenous vein (30 marks)
 - 2.2 Surface mark the sapheno femoral junction (10 marks)
 - 2.3 Name the veins draining into saphenous vein (20 marks)
 - 2.4 Briefly describe the perforating veins (10 marks)
 - 2.5 Mention the location of deep veins in calf (10 marks)
 - 2.6 Where does the short saphenous vein drain? (10 marks)
 - 2.7 Why does a patient get varicose veins? (10 marks)

3.
 - 3.1 Give an account on typical intercostals space (40 marks)
 - 3.2 List three clinical applications of knowing the anatomy of intercostal space (30 marks)
 - 3.3 If a stab injury occur in left 10th intercostal space at mid axillary line, name the structures that might get damaged, superficial to deep (30 marks)

4. Regarding the biliary system
 - 4.1 Mention the anatomical parts of gall bladder (10 marks)
 - 4.2 Enumerate the anatomical relations of these parts (20 marks)
 - 4.3 What is Calot's triangle? (10 marks)
 - 4.4 Describe the cystic artery, including its variations (20 marks)
 - 4.5 Mention the anatomical parts of common bile duct (10 marks)
 - 4.6 List the anatomical relations of bile duct (20 marks)
 - 4.7 What is ampullary sphincter of Oddi? (10 marks)

5. Describe the uterus with reference to

- 5.1 Gross anatomy (25 marks)
- 5.2 Relations (35 marks)
- 5.3 Blood supply (10 marks)
- 5.4 Histology (20 marks)
- 5.5 Development (10 marks)

6. Regarding the thyroid gland

- 6.1 Mention the embryological development of thyroid gland and importance of knowing them (20 marks)
- 6.2 Enumerate the anatomical relations of thyroid gland (30 marks)
- 6.3 Mention the blood supply of thyroid gland (15 marks)
- 6.4 Mention the lymphatic supply of thyroid gland (15 marks)
- 6.5 Brief out the histological appearance of thyroid gland (20 marks)