



FACULTY OF MEDICINE, UNIVERSITY OF RUHUNA, GALLE
SECOND EXAMINATION FOR MEDICAL DEGREES – MARCH 2007

ANATOMY – PAPER II

Monday, 26th March 2007

3 HOURS

Answer all FIVE Questions
Answer EACH PART in a SEPARATE BOOK
Use diagrams where necessary

1. Write short notes on
1.1 classification of joints. (20 marks)
1.2 the factors responsible for the stability of the hip joint. (30 marks)
1.3 supporting structures of the uterus. (25 marks)
1.4 light microscopic appearance of the cervico-vaginal junction. (25 marks)

2. 2.1 State the nerve supply of the pleura. (20 marks)
2.2 List the structures penetrated by a needle as it passes from the skin surface to the pleural cavity. (20 marks)
2.3 Describe the microscopic appearance of alveoli. (30 marks)
2.4 Explain the embryological basis for the occurrence of respiratory distress syndrome in premature babies. (30 marks)

3. 3.1 Name the layers incised during following surgical procedures. (15 marks)
3.1.1 Hydrocelectomy. (15 marks)
3.1.2 Suprapubic transverse incision. (30 marks)
3.2 Describe briefly the structures in the spermatic cord. (20 marks)
3.3 Describe the light microscopic appearance of the adrenal cortex. (20 marks)
3.4 Discuss the embryological origin of the Meckle's diverticulum. (20 marks)

4. 4.1 Name the mixed cranial nerves. (10 marks)
4.2 Describe the pathway of pain originating from upper molar teeth. (40 marks)
4.3 State the deformities and dysfunctions that can occur when facial nerve is damaged at the internal auditory meatus. (20 marks)
4.4 Draw a cross sectional appearance of a cranial nerve under the light microscope. (30 marks)

5. Write short notes on (20 marks)
5.1 the classification of glands. (20 marks)
5.2 the scalp. (30 marks)
5.3 light microscopic appearance of a lymph node. (30 marks)
5.4 lymphatic drainage of superficial tissues of the head and neck. (30 marks)