

PRIMARY EXAMINATION

ANATOMY

Tuesday, 3 December 2002

Time allowed: Two hours

INSTRUCTIONS TO CANDIDATES

The complete examination in Anatomy is in two parts:

This paper which is worth 75% of the final mark;

The viva which is worth 25% of the final mark.

This Examination Paper is set in **TWO** Parts.

Attempt **ANY TWO** questions from **Section A**,

And **ANY EIGHT** questions from **Section B**.

Section A

Each of the two essays you are required to attempt is worth 25% of the final mark for Anatomy.

1. Describe how the head and neck, including the brain and cranial cavity, receive its arterial blood supply.
2. Describe in detail the maxillary nerve in terms of its: origin, course, supply and communications with other nerves.
3. How is the palatine bone constructed and articulated, and how does it contribute to the anatomy of the skull? Include in your answer the anatomical “relations”, or in other words: the soft tissues which lie in contact with and within 5mm of the palatine bone.
4. Write an essay on the tongue in relation to the following:
 - a. mucosa and its specialisations
 - b. muscles
 - c. nerves – all functional components of motor and sensory
 - d. arteries and communications or anastomoses of
 - e. veins which drain the region
 - f. lymphatic drainage

Section B

This section (Question 5) is COMPULSORY.

It is worth 25% of the final mark of Anatomy. Each sub-question (a – j) is worth 3% of the final mark for Anatomy.

5. Answer **ANY EIGHT** of the following **TEN** questions briefly:
- a. With which bones does the ethmoid bone articulate?
 - b. Which structures are related to the otic ganglion?
 - c. Which structures are related to the pituitary gland?
 - d. List all the arteries in the face and scalp.
 - e. Which muscles move the hyoid bone?
 - f. Describe, briefly, the course and supply of the vertebral artery.
 - g. Which sensory nerves supply the skin of the neck, anteriorly and posteriorly?
 - h. Draw a simple sketch of the scalenus anterior muscle to show its anatomical relations.
 - i. Which nuclei in the brain stem are associated with the Facial (VIIth cranial) nerve, and what are their main functions?
 - j. List the structures supplied by the Vagus nerve.

End of Paper