

PRIMARY EXAMINATION

ANATOMY

December 2001

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 skeletal muscles of the head and neck receive their motor innervations.
2. Describe in detail the anatomy of the pharynx with particular reference to the movements which occur during swallowing.
3. How is the temporal bone constructed and articulated, and how does it contribute to the anatomy of the skull?
4. Write an essay on the infratemporal fossa in relation to the following:
 - a. skeletal boundaries
 - b. muscles contained therein
 - c. nerves in the fossa
 - d. arteries in the fossa
 - e. veins which drain the region
 - f. lymphatic drainage of the fossa

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 palatine bone articulate??
 - b. Which structures are related to the pterygopalatine ganglion?
 - c. Which muscles are related to the nasopharyngeal tonsil?
 - d. List all the arteries in the oral cavity.
 - e. Which muscles move the vocal cords?
 - f. Describe, briefly, the course and supply of the internal carotid artery.
 - g. Which sensory nerves supply the scalp?
 - h. Draw a simple sketch of the hyoglossus muscle to show its anatomical relations.
 - i. Which nuclei in the brain stem are associated with the Vagus (Xth cranial) nerve, and what are their main functions?
 - j. List the structures supplied by the Glossopharyngeal nerve.

End of Paper