

PRIMARY EXAMINATION

HISTOLOGY

Wednesday 5 December 2001

Time allowed: Two hours

INSTRUCTIONS TO CANDIDATES

The complete examination in Histology is in two parts:

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

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

Section A

Each of the TWO essays you are required to attempt is worth 25% of the final mark in Histology.

1. Describe in detail the structure and development of enamel.
2. Give a detailed account of the histology of the salivary glands.
3. Describe the junction between the enamel and dentine and the impact of this junction on clinical dentistry. Include in your answer a description of the development of the junction.
4. Describe the histology of the cementum/periodontal ligament complex.

Section B

This section is worth 25% of the final mark for Histology.

5. Answer any SIX of the following 8 questions (each is of equal value).
- (a) Write short notes on the cellular processes associated with protein formation.
 - (b) Describe the histology of bone.
 - (c) Compare and contrast the histological features of cheek and dental pulp.
 - (d) Describe the key histological features of the bell stage of tooth development.
 - (e) Write brief notes on the histology of the tongue.
 - (f) Describe the key histological features of dentine and relate them to dental practice.
 - (g) Describe the histology of the pulp.
 - (h) Write brief notes on the different mucous membranes of the oral cavity.

End of paper