

PRIMARY EXAMINATION

HISTOLOGY

December 2000

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 development and age changes of dentine.
2. Give a detailed account of the histology of bone.
3. Describe the junction between the pulp and dentine and the changes you would see at this junction following the preparation of a medium size cavity.
4. Describe the histology of the tongue and relate the features to function.

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 cementum.
 - (c) Compare and contrast the features of periodontal ligament and dental pulp.
 - (d) Describe the key histological features of the bell stage of tooth development.
 - (e) Write brief notes on the hard tissue junctions of teeth.
 - (f) Describe the key histological features of enamel and relate them to dental practice.
 - (g) Describe the histology of the parotid gland.
 - (h) Write brief notes on the different mucous membranes of the oral cavity.

End of paper