

**UNIVERSITY COLLEGE LONDON**

*University of London*

**EXAMINATION FOR INTERNAL STUDENTS**

*For The Following Qualification:-*

*B.Sc.*

**Health Sciences HSC32: Theory of Podiatric Medicine (I)**

**COURSE CODE : HESC0032**

**UNIT VALUE : 1.00**

**DATE : 12-MAY-03**

**TIME : 10.00**

**TIME ALLOWED : 3 Hours**

**HSC 32 - BSc (Hons) Podiatry, University College London****Theory of Podiatric Medicine I****May 2003****Time allowed: 3 hours****FIVE questions to be answered in total.****ANSWER EACH QUESTION IN A NEW ANSWER BOOKLET**

- 1 A 40 year old male patient presents with onychomycosis of the right 1<sup>st</sup> nail.
- a) With the aid of diagrams describe the 4 classical presentations of onychomycosis ( 5)
  - b) Describe the changes that occur to the nail plate and nail bed as a result of a fungal infection ( 5)
  - c) Outline the management for the above patient (10)
- 2 Describe the features of an "ideal" shoe. (10)
- What common adaptations or modifications can be made to a shoe to improve the fit or function? (10)
- 3 Describe the journey of a cell from the Stratum Basale to the Stratum Corneum. Discuss the changes that take place during the cell's journey. (20)
- 4
- a) Explain the meaning of the term cellulitis ( 4)
  - b) How is the presence of spreading bacterial infection recognised in the foot? ( 4)
  - c) Outline the short term management of an infected interdigital soft corn in a 60 year old patient who is otherwise healthy. (12)
- 5 Discuss in detail the factors that would be taken into consideration before applying a caustic medicament to a patient. (20)

TURN OVER

- 6 What are the clinical characteristics of acute inflammation? ( 5)  
With aid of diagrams, explain how these characteristics arise. (15)
- 7 Describe the factors that need to be taken into consideration to ensure patient compliance? (20)

**END OF PAPER**