

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 : 21-MAY-04

TIME : 10.00

TIME ALLOWED : 3 Hours

HSC32 - BSc (Hons) Podiatry, University College London
Theory of Podiatric Medicine I
May 2004

Time allowed: 3 hours

FIVE questions to be answered in total.

ANSWER EACH QUESTION IN A NEW ANSWER BOOKLET

- 1 Trauma is a common cause of nail conditions.
 - a) List the nail conditions which may arise following trauma. (8)
 - b) Describe one of these conditions in detail and include the podiatric treatment. (12)

- 2 A lady presents in clinic complaining of pain in the forefoot and a feeling of ankle instability. There is no history of trauma, and she is otherwise fit and well. On examination you find that she is wearing a high stiletto heel court shoe. You diagnose that the shoes are the cause of her problem.
 - a) Why would these shoes cause her symptoms? (5)
 - b) How could she be convinced that the shoes are the cause of her problem. (5)
 - c) Describe the features she needs to look for in a shoe to relieve her symptoms. (10)

- 3
 - a) What are the signs and symptoms of the acute inflammatory response? (5)
 - b) Describe the 3 phases of the acute inflammatory response, and relate these to the signs and symptoms of acute inflammation. (15)

- 4 68 year old man presents with an inflamed 5th toe with a little pus being evident around a corn on the dorsum of the proximal interphalangeal joint.
 - a) Describe in detail the immediate management this lesion. (17)

The patient returns in five days with worsening of the condition where the inflammation has spread and a red line is present up the foot.

 - b) What should be suspected and what course of action should be taken? (3)

- 5 Discuss in detail the factors that would be taken into consideration before applying a caustic medicament to a patient. (20)

TURN OVER

- 6 A 17-year-old boy presents with itchy, peeling skin between his toes and around the webbing area. A fungal infection is suspected.
- a) Which organism commonly causes fungal infections in this area? (1)
 - b) What would be a differential diagnosis? (1)
 - c) Describe the treatment of this patient. (18)
- 7 What factors need to be considered to ensure patient compliance? (20)

END OF PAPER