

UNIVERSITY COLLEGE LONDON

University of London

EXAMINATION FOR INTERNAL STUDENTS

For The Following Qualification:-

B.Sc.

Health Sciences HSC26: Basis of Medicine (II)

COURSE CODE : **HESC0026**

UNIT VALUE : **0.50**

DATE : **22-APR-03**

TIME : **10.00**

TIME ALLOWED : **2 Hours**

**HSC26 Health Sciences: Basis of Medicine (II)
London Foot Hospital and School of Podiatric Medicine**

April 2003

Time allowed: 2 hours

Suggested time allocation:- Section A – one hour (counts for 60% of total mark)
Section B – one hour (counts for 40% of total mark)

All of the questions in section A must be answered. Write your answers to this section in the spaces provided on the question paper.

You must also answer two questions from section B. Write your answers to this section in the books provided, start each answer in a separate answer booklet.

TURN OVER

Health Sciences HSC26: Basis of Medicine (II)
Section A – answer all questions

1. List five physical signs of a peripheral neuropathy.

- i.
- ii.
- iii.
- iv.
- v.

2. List five symptoms of thyrotoxicosis.

- i.
- ii.
- iii.
- iv.
- v.

3. List five causes of diabetes mellitus.

- i.
- ii.
- iii.
- iv.
- v.

4. List five clinical features of Cushing's syndrome.

- i.
- ii.
- iii.
- iv.
- v.

CONTINUE

5. A patient presents with a dissection of the thoracic aorta.
List five manifestations that might feature in the clinical pattern.
- i.
 - ii.
 - iii.
 - iv.
 - v.
6. List ten possible causes of a chronic cough.
- i.
 - ii.
 - iii.
 - iv.
 - v.
 - vi.
 - vii.
 - viii.
 - ix.
 - x.
7. List ten consequences of smoking.
- i.
 - ii.
 - iii.
 - iv.
 - v.
 - vi.
 - vii.
 - viii.
 - ix.
 - x.

TURN OVER

8. List ten consequences of obesity.

- i.
- ii.
- iii.
- iv.
- v.
- vi.
- vii.
- viii.
- ix.
- x.

9. List five lifestyle changes that would change the health of the Nation.

- i.
- ii.
- iii.
- iv.
- v.

10. What causes a microcytic anaemia? – List them.

- i.
- ii.
- iii.
- iv.
- v.
- vi.
- vii.
- viii.
- ix.
- x.

CONTINUE

11. What causes macrocytosis in the blood film? – List them.

- i.
- ii.
- iii.
- iv.
- v.

12. List five symptoms of a peptic ulcer.

- i.
- ii.
- iii.
- iv.
- v.

13. List five relevant tests for the investigation of an elderly woman found to be anaemic.

- i.
- ii.
- iii.
- iv.
- v.

TURN OVER

14. List ten features of a dominant hemisphere cerebrovascular accident.

- i.
- ii.
- iii.
- iv.
- v.
- vi.
- vii.
- viii.
- ix.
- x.

15. What symptoms would be caused by a urinary tract infection? List them.

- i.
- ii.
- iii.
- iv.
- v.

16. List five causes of travellers' diarrhoea.

- i.
- ii.
- iii.
- iv.
- v.

CONTINUE

17. List five movement disorders and how they manifest.

- i.
- ii.
- iii.
- iv.
- v.

18. List five different types of pneumonia.

- i.
- ii.
- iii.
- iv.
- v.

19. List five manifestations of Reiter's disease.

- i.
- ii.
- iii.
- iv.
- v.

TURN OVER

20. List ten different adverse drug reactions.

- i.
- ii.
- iii.
- iv.
- v.
- vi.
- vii.
- viii.
- ix.
- x.

CONTINUE

Health Sciences HSC26: Basis of Medicine (II)**SECTION B – answer 2 questions**

1. A fit and healthy 36 year old woman presents with moderate hallux abducto-valgus (intermetatarsal angle of 15° ; HAV angle 30° ; 65° passive dorsiflexion available at 1st MTPJ). She finds it difficult to accommodate the deformity in normal shoes.

With the aid of large, clearly labelled diagrams:

- a) Describe a surgical procedure that would reduce the intermetatarsal angle to near normal. (10)
- b) Describe a surgical procedure that would realign the longitudinal axis of the hallux with the longitudinal axis of the first metatarsal. (10)
2. Write notes on:
- a) Guttate psoriasis (4)
- b) Nickel dermatitis (4)
- c) Lichen planus (4)
- d) Tinea unguium (onychomycosis) (4)
- e) Erythroderma (4)
3. Discuss the possible effects of exposure of the skin to ultra-violet light, and comment on the long-term consequences of skin exposure to ultra-violet light. (20)
4. Write notes on:
- a) Tuberculosis (5)
- b) Clostridium infections (5)
- c) Food poisoning (5)
- d) Acute appendicitis (5)

END OF PAPER