Examination Period 3: 2016/17

POD310617N

Module Title: Surgery and Orthopaedics
Level: Six
Time Allowed: Three hours

Instructions to students:

- Enter your student number not your name on all answer books.
- Answer all questions from Section A, one question from Section B and one question from Section C.
- Begin each question in a separate answer book; label each answer book clearly with the number of the question you are answering.

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Section A

Answer all questions.

Question 1

a. Discuss the different joint destructive procedures that can be used to surgically correct hallux valgus. (17 marks)

b. Discuss two potential complications that may result from the surgical management of hallux valgus and outline their management. (8 marks)

Question 2

a. Discuss the main aetiological factors responsible for hallux valgus. (5 marks)

b. Outline the key pathological features associated with hallux valgus. (5 marks)

c. Describe and justify your conservative management approach for a patient with hallux valgus. (15 marks)
Section B

Answer one question.

Question 3

Case 1

a. Outline the main forefoot pathologies that may require surgery? (12 marks)
b. Describe the different clinical tests that may be used to confirm a diagnosis of Morton’s neuroma. (5 marks)
c. Describe the surgical management of Morton’s neuroma. (8 marks)

Question 4

Case 2

When undertaking a pre-operative assessment for a patient requiring foot surgery a number of aspects of their medical history may require special consideration.

a. Discuss the important pre-operative questions that need to be covered. (15 marks)
b. Describe the key intra-operative issues that need consideration. (5 marks)
c. Discuss the post-operative advice that needs to be given to ensure a good surgical outcome. (5 marks)

End of Section B
Section C follows overleaf
Section C

Answer one question.

Question 5

Case 1

a. Discuss the main causes of posterior tibial tendon dysfunction. (12 marks)
b. Outline the main tests and hospital investigations used to diagnose posterior tibial tendon dysfunction. (5 marks)
c. Describe the management of posterior tibial tendon dysfunction. (8 marks)

Question 6

Case 2

a. Describe the causes of sub-calcaneal heel pain. (17 marks)
b. Outline the management of plantar fasciopathy. (8 marks)