Examination Period 3: 2017/18

 POD310618N

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 both questions from Section A, one question from Section B and one 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.

• All answers should be given in the answer book provided, do not write on this question paper.

• The use of calculators is not permitted.

No. of Pages 4
No. of Questions 6
Section A

Answer both questions in this section.

Question 1

When undertaking a pre-surgical history and physical certain aspects require careful consideration.

a. Discuss the pre-operative questions that need to be covered. (15 marks)

b. Describe the intra-operative issues relating to the health and well-being of the patient. (5 marks)

c. Outline the post-operative advice necessary to ensure a good surgical outcome. (5 marks)

Question 2

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

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

c. Describe and justify your non-surgical management approach for a patient with hallux limitus. (15 marks)

End of Section A
Section B follows overleaf
Section B

Answer one question in this section.

Question 3

Case 1

a. Outline the common toe deformities that may require surgery. (12 marks)

b. Describe the clinical tests and hospital investigations used to diagnose a plantar plate rupture. (5 marks)

c. Discuss the different types of surgical management for a hammer toe deformity. (8 marks)

Question 4

Case 2

When undertaking foot and ankle surgery the potential for complications exist.

a. Discuss the potential intra-operative and post-operative complications that may be associated with hallux valgus surgery. (15 marks)

b. Outline your clinical diagnosis of one post-operative complication. (5 marks)

c. Describe and justify your management of one post-operative complication. (5 marks)
Section C

Answer one question in this section.

Question 5

Case 1

a. Describe the causes of retro-calcaneal heel pain. \hspace{1cm} (17 marks)

b. Outline the management of one cause of retro-calcaneal heel pain. \hspace{1cm} (8 marks)

Question 6

Case 2

a. Discuss the main causes of forefoot pain. \hspace{1cm} (12 marks)

b. Outline the clinical tests and investigations used to diagnose Morton’s neuroma. \hspace{1cm} (5 marks)

c. Describe the management of Morton’s neuroma. \hspace{1cm} (8 marks)