



PROGRAM : BACCALAUREUS TECHNOLOGIAE
PODIATRY

SUBJECT : *PODIATRIC MEDICINE III*

CODE : HPM 32-1

DATE : DECEMBER EXAMINATION 2014

DURATION : 180 MINUTES

WEIGHT : 50:50

TOTAL MARKS : 158

EXAMINER : MR S. NTULI

MODERATOR : MS P. PURBHOO

NUMBER OF PAGES : 3 PAGES (INCLUDING COVER PAGE)

INSTRUCTIONS

1. PLEASE HAND BOTH YOUR QUESTION PAPER AND ANSWER SHEET TO THE INVIGILATOR.
2. PLEASE ANSWER ALL QUESTIONS.
3. WRITE NEATLY AND LEGIBLY AND CLEARLY MARK QUESTIONS.
4. LEAVE A LINE SPACE BETWEEN QUESTIONS.
5. NUMBER QUESTIONS CLEARLY.
6. MARKS WILL BE ALLOCATED FOR LOGICAL EXPOSITION OF ANSWERS. PLEASE ENSURE THAT YOU READ THE QUESTIONS CAREFULLY.

QUESTION 1

A 16 year old female patient presents to the UJ Podiatry clinic complaining of pain on the second metatarsal head. She mentions that the pain is exacerbated by activity and on weight bearing. You diagnose the patient with Freiberg's Infraction. Discuss this condition under the following headings.

- 1.1 Predisposing factors. (7)
 - 1.2 Differential Diagnoses (3)
 - 1.3 The Smillie classification system. (10)
- [20]

QUESTION 2

Ms Heel presents to your practice complaining of pain of an insidious onset along the medial longitudinal arch. History taking reveals that the pain is worse after a period of rest and sharp in the morning when the patient gets out of bed.

- 2.1 Give a possible diagnosis of the presenting condition. [2]
 - 2.2 Discuss how you would go about managing the presenting pathology. [20]
 - 2.3 Different foot types present in Podiatric practice, one such foot type is Pes Cavus foot. Discuss the Pes Cavus foot under the following:
 - 2.3.1 Definition [1x2=2]
 - 2.3.2 List aetiological factors of Pes Cavus [10x1=10]
 - 2.3.3 Clinical presentation of Pes Cavus [14x1=14]
- [48]

QUESTION 3

A 54 year old patient presents to your practice complaining of a painful hallux. Examination of the hallux reveals that the pain is worse around the 1st MPJ. After a proper history taking and examination, you diagnose the patient with Hallux Abductor Valgus.

- 3.1 List the etiological factors that may lead to the development of HAV. [11x1=11]
- 3.2 List the skin and soft tissue changes that can accompany HAV. [8x1=8]

3.3 Another condition that is common in this joint i.e. 1st MPJ is Hallux Limitus. Discuss this condition under the following:

| | |
|--|----------|
| 3.3.1 Aetiology | [8x2=16] |
| 3.3.2 Clinical features (early & late) | [8x1=8] |
| 3.3.3 Treatment | [7x2=12] |
| | [55] |

QUESTION 4

A 36 year old female patient presents to the UJ Podiatry clinic complaining of pain accompanied by numbness of the 3rd and 4th toes on the metatarsal area. She mentions that the pain is exacerbated by activity and wearing of narrow shoes. You diagnose the patient with Morton's Neuroma. Discuss this condition under the following headings.

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|-------------------------------------|----------|
| 4.1. Definition of Morton's Neuroma | [4] |
| 4.1.2 Etiology | [5x1=5] |
| 4.1.3 Signs & symptoms | [6x2=12] |
| 4.1.4 Treatment | [5x2=10] |
| | [47] |

TOTAL MARKS: 158