

BOWEN UNIVERSITY IWO, OSUN STATE,
ANATOMY PROGRAMME, FACULTY OF BASIC MEDICAL SCIENCE
SECOND SEMESTER EXAMINATION, 2022/2023 SESSION
Date: 20/06/2023 EXAMINATION TIME: 2 1/2 HOURS
GROSS ANATOMY OF THE LOWER LIMBS ANA 208(3 CREDITS)
INSTRUCTION: Answer Question Number One and any other four questions

1. a. Describe the *gait cycle* highlighting the phases of walking
b. Mention the *muscles involved* 10 marks
2. List the *pes anserinus muscles*, state their origin, insertion, innervation and action
10 marks
3. With a diagram, describe the *inguinal canal* stating its boundaries, rings, contents and ligaments 10 marks
4. Write a short essay on *the knee joint* under the following headings:

- Introduction	- Menisci
- Articular surfaces	- Movements
- Joint capsule	- Neurovasculature
- Extracapsular ligaments	- Bursae
- Intra-articular ligaments	

10 marks
5. Write a short essay on the *sacral plexus* 10 marks
6. Describe the *medial longitudinal arch* 10 marks