

University College London

University of London

Examination for Internal Students

M.Sc. Orthopaedics: Paper 2 (Orthopaedics)

ORTH 0002

Tuesday 2nd September 2003

Start: 10am

Time: Three hours

Answer FOUR out of SIX questions

Answer EACH on a SEPARATE page

1. Discuss the surgical options for treating Rheumatoid Arthritis involving the hips, knees ankles and feet.
Outline the principles involved in prioritising surgical care for a 42-year old lady with aggressive multi-joint Rheumatoid Arthritis. The patient is on Prednisolone 5mg daily and Methotrexate 25mg weekly
2. Discuss the investigation of a lytic lesion in the distal femur of a 50 year-old lady who was previously fit and well
3. Discuss the type of wear seen in total knee arthroplasty and what designs can be introduced to reduce this.
4. A 65 year-old gentleman with a degenerative arthritic hip with known Paget's Disease is admitted for a total hip replacement. Discuss the problems Paget's Disease causes for arthroplasty surgeons and discuss the possible complications and their management.
5. Discuss the possible treatment options for an infant who is diagnosed with Talipes Equinovarus at birth.
6. What are the risk factors for post-operative infection? Discuss the ways in which peri-operative infection can be prevented