

UNIVERSITY COLLEGE LONDON

University of London

EXAMINATION FOR INTERNAL STUDENTS

For the following qualifications:

B.Sc. (Intercal)

Health Sciences C105 : CLINICAL ASPECTS OF DEGENERATIVE JOINT DISEASE

COURSE CODE	:	HESCC105
UNIT VALUE	:	0.50
DATE	:	16 May 2002
TIME	:	10. 00 am
TIME ALLOWED	:	3 hours

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TURN OVER

HEALTH SCIENCES C105 : CLINICAL ASPECTS OF DEGENERATIVE JOINT DISEASE

Answer **FOUR** out of **FIVE** questions
Answer **EACH** question in a **SEPARATE** book.

1. Discuss the investigation of a painful hip arthroplasty where infection is suspected. Add a note on the treatment options.
2. Discuss the clinical and radiological features that may be used to assess the outcome of a total knee replacement.
3. Discuss the principles involved in treating a male patient with a significant osteochondral defect in the knee joint. Illustrate your answer with examples of tissue engineering, tissue transfer, alteration of the mechanical axis and arthroplasty. Add information about the pros and cons of each.
4. Write short notes on **THREE** out of **FOUR** of the following:
 - Pulmonary embolism
 - Operating theatre design
 - Total elbow **or** total shoulder replacement
 - Pathogenesis of osteoarthritis
5. Discuss the various methods of fixation of total hip implants. Discuss the advantages and disadvantages of each