

UNIVERSITY COLLEGE LONDON

University of London

Examination for Internal Students

M.Sc. Orthopaedics: Paper 1 (Trauma)

ORTH0001

Answer **THREE** of the following four questions

1. Describe the process of union of a long-bone fracture. What factors influence the speed of union and the occurrence of non-union?
2. Discuss the management of fractures of the Os calcis
3. A 40-year-old woman is admitted having been freed from a crashed motor car. She is semi-conscious and complaining of severe back and leg pains. X-rays show a closed fracture of the right tibia. Discuss priorities in management.
4. Describe the Salter-Harris classification of epiphyseal fractures. How would you treat a type IV fracture of the distal radial epiphysis in a 9 year old child