

Ollscoil na hÉireann, Gaillimh
NATIONAL UNIVERSITY OF IRELAND, GALWAY
Summer Examinations, 2002

Medical "Two-in-One" Examination

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Time allowed: Three hours

SECTION A

Answer **FOUR** Questions from Section A.

1. Discuss the movements of inversion and eversion of the foot with reference to the joints, muscles and nerves involved.
2. Give an account of the anatomy of the axilla and its contents.
3. Give an account of the inguinal canal. Define the terms "direct" and "indirect" inguinal hernia.
4. Write an essay on the interosseous and lumbrical muscles of the hand..
5. Describe the origin, course, distribution and clinical importance of injuries to either the radial or ulnar nerve.
6. Write a detailed anatomical description of femoral triangle and include a note on its contents.
7. Give an account of the movements of the mandible referring to the joint, muscles and nerves involved.

SECTION B

Answer **Question 1** and **one** other question from Section B.

1. Write an essay on gastrulation. What adult tissues which you have studied are derived from each of the germ layers?
2. Describe the structure and function of intercellular junctions. Include a note on their importance during development.
3. Give an account of the development and growth of a long bone.
4. Write an essay on stem cells.