

National University of Ireland

University College Galway
Colaiste na hOllscoile Gaillimh

Summer Examination 2000
4h Medical

Social and Preventive Medicine

**Professor James McEwen
Professor Cecily Kelleher
Dr. Declan McKeown**

Time Allowed: 3 hours

Please use separate answer books for **each question**

Four out of six questions to be answered.
Two questions must be answered from each section

Section A: Organisation and Epidemiology

Two out of three questions to be answered

1. Write short notes on any *three* of the following, with examples:
(a) the ecological fallacy;
(b) epidemic and endemic trends;
(c) confounders in data of association;
(d) secular trends in coronary heart disease (CHD).

(Prof. Cecily Kelleher)
2. What is meant by the term "Primary Health Care"? Outline the role of Health Promotion within the Primary Health Care setting. Use specific examples to illustrate your answer.

(Dr. Claire Connolly)
3. Outline the structure and function of a typical Department of Public Health Medicine. Describe the relationships held by the Departments with other branches of the health service, in particular Community Care and Health Promotion. What would you consider to be some of the priorities for Public Health (using examples from your project work, or personal experience)?

(Dr. Declan McKeown)

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Section B: Community, Environmental and Occupational Health

Two out of three questions to be answered

4. What factors affect the incidence of back injuries in industry? How may these be prevented and what investigations would be worthwhile?

(Dr. Willie O 'Flynn)

5. Describe the interaction of host, agent and environment with respect to the epidemiology of infectious diseases. Using specific examples, explain how each of these factors may contribute to disease transmission and/or epidemic spread.

(Dr. Declan McKeown)

6. "Disability is a social, not a medical issue." Discuss this statement.

(Dr. Declan McKeown)