

National University of Ireland

University College Galway  
Colaiste na hOllscoile Gaillimh

Summer Examination 2003  
4th Medical

**Social and Preventive Medicine**

**Professor James McEwen**  
**Dr Diarmuid O'Donovan**  
Time Allowed: 3 hours

Please use **separate answer books** for each question  
All questions carry equal marks

**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

Q1. Write short notes on *three* of the following:

- a) Incidence and prevalence
- b) Sensitivity and specificity of screening tests
- c) Relative risk and attributable risk
- d) Secondary and tertiary prevention

(D. O'Donovan)

Q2. What is meant by the settings approach to health promotion? Make reference to the health promoting hospital in your answer.

(C. Connolly)

Q3. Write an essay on the implications for health services of the projected increases in the population of older people.

(D. O'Donovan)

**P.T.O.**

## Section B: Community, Environmental and Occupational Health

Two out of three questions to be answered

- Q4. Describe how genetic modification, food irradiation, BSE, and food additives may cause concern for the consumer.

*(G. Nolan)*

- Q5. Does environmental tobacco smoke (passive smoking) cause ill health?  
Discuss the public health relevance of the proposed ban on smoking in enclosed workplaces in Ireland.

*(D. O'Donovan)*

- Q6. a) What infectious diseases are medical healthcare workers exposed to in hospital practice?
- b) Discuss any three under the following headings:
- i) Prevention
  - ii) Treatment
  - iii) Counselling
  - iv) Retraining

*(W. O'Flynn)*