

National University of Ireland, Galway  
Ollscoil na hÉireann, Gaillimh

Summer Examination 2001

**Diploma in Health Promotion**

Paper 5

Ms. Sylvia Tilford  
Dr. Ann Hope  
Dr. Frances Hannon

Time allowed for each section is 45 minutes

Answer **one** question in each section  
Use a separate answer book for each section

**Section A: Health Promotion in the School**

- Q. 1. The new curriculum subject, social, personal and health education (SPHE) and support structures have been introduced to schools. What are the essential elements of these new developments and what are some of the remaining issues which need to be tackled? *(Dr. A. Hope)*
- Q. 2. Respond to the familiar public outcry of "We need more health education to stop young people smoking, drinking and taking drugs". *(Dr. A. Hope)*

**Section B: Human Structure and Function**

- Q. 3. Write a short account of the mechanisms involved in homeostatic control in the human body. *(Dr. F. Hannon)*
- Q.4. Write brief notes on FOUR of the following:
- a) The process of food digestion in the stomach and the small intestine.
  - b) Trace one drop of blood from the time it enters the right atrium of the heart until it enters the left atrium (this can be done with a diagram).
  - c) The general structure of a neuron and the conduction of nerve impulses.
  - d) Name endocrine producing glands or regions that are important in the stress response and explain their role in stress.
  - e) The role and functioning of the cell nucleus.
  - f) The nephron and the process of urine formation.
- (Dr. F. Hannon)*