

National University of Ireland, Galway
Ollscoil na hÉireann, Gaillimh

Summer Examination 2000

Diploma in Health Promotion

Paper 1

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Time allowed for each section is 45 minutes

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

Section A: Psychology of Health Behaviour

Q. 1. Critically discuss the usefulness of any **ONE** of the following in understanding the performance of health behaviours:

- a) the Theory of Planned Behaviour
- b) the concept of self-efficacy
- c) social support

(Dr. M. Barry)

Q. 2. Briefly, consider our current understanding of the links between stress and illness within the context of Steptoe's (1991) model of such relationships.

(Prof. R. Curtis)

Section B: Health Information Statistics

Q.3. Write short notes on any **THREE** of the following:

- a) the importance of determining the quality of your data
- b) the advantages of non-parametric data analysis techniques
- c) the difference between 'relationship' and 'difference' research questions
- d) why Chi Square is a useful data analysis technique
- e) the difference between correlation and causation

(Dr. S. Nic Gabhainn)

- Q. 4. Employees in a large catering outlet were asked to volunteer to help a healthy eating campaign for staff. Researchers are interested in whether there is an age related bias among those who volunteered.

Age Group	Volunteered	Were not interested
16 - 25	4	3
26 - 35	15	4
36 - 45	20	22

- What would your hypotheses be?
- What are the main assumptions underlying the use of Chi Square?
- Take steps to conduct the appropriate Chi Square analyses to investigate whether these differences across categories are statistically significant.
- Employ an alpha of 0.05, to evaluate your obtained Chi Square.
- What conclusions can you draw from this analysis?

(Dr. S. Nic Gabhainn)