

National University of Ireland, Galway
Ollscoil na hÉireann, Gaillimh.

Autumn Examinations 2002

Third Science –B1306

HUMAN NUTRITION

External Examiner: Dr. Davis. K. Apps.
Time Allowed: 3 Hours.

ANSWER FIVE QUESTIONS

1. Write an essay on causes and treatment of obesity.
2. Write an account of nutrition and sport.
3. Discuss the causes, symptoms and treatment of eating disorders.
4. Write an essay on food allergy.
5. Write an essay on the history of the Irish diet from pre-famine to the present day.
6. There is concern about the increasing prevalence of osteoporosis in Ireland. As a nutrition researcher you have been asked to determine the calcium levels of Irish women aged between 18-25 years. Which study design would you use? Using the steps described below explain briefly how you would carry out such a study:
 - (a) Formulate aims
 - (b) Choose study population
 - (c) Select suitable sample frame.
 - (d) Draw sample
 - (e) Set criteria for disease/ characteristic being measured.
 - (f) Choose technique of measurement
 - (g) Carry out measurement
 - (h) Evaluate results.
7. Discuss the effects of nutrition on the development of osteoporosis.
8. Outline the influence of dietary factors on the development of atherosclerosis.