

Ollscoil na hÉireann, Gaillimh
National University of Ireland, Galway
Semester II Examinations, 2003/2004

GX 2540

Front Page Template

Exam Code(s) 2BS1
2BO1

2nd Science
2nd Biomedical Science

Module Code(s) SI218

Module(s) Physiology

Paper No.
Repeat Paper Special
Paper

External Examiner(s) Dr. D. Marples

Internal Examiner(s) Prof. M. Kane, Dr. K.. Doyle

Dr. A. Henry, Dr. L. Quinlan

Instructions: Candidates must answer 5 questions out of 6

Duration Two hours

No. of Answer books 1

Requirements:

Handout

MCQ

Statistical Tables

Graph Paper

Log Graph Paper

Other Material

No. of Pages 2

Department(s) Physiology

OLLSCOIL NA hÉIREANN, GAILLIMH
NATIONAL UNIVERSITY OF IRELAND, GALWAY
2nd Science and 2nd Biomedical Science Examination
Summer 2004

SI216 Physiology II

Examiners: Dr. D. Marples, Prof. M. Kane, Dr. A. Henry,
Dr. L. Quinlan and Dr. K. Doyle

Time Allowed: Two Hours.

Candidates must answer **5** questions out of 6.

- Q.1** Draw and label a diagram showing the four volumes and four capacities measured in lung spirometry.
- Q.2** Describe the series of events that occur on inspiration (breathing in). Include details of the pressures involved, compliance and the work of breathing.
- Q.3** Discuss the role of the pancreas in digestion.
- Q.4** Discuss the role of the kidney in controlling salt balance in the body.
- Q.5** Discuss the endocrine physiology of the thyroid gland.
- Q.6** Discuss the role played by hormones in calcium homeostasis.