

CORK INSTITUTE OF TECHNOLOGY
INSTITIÚID TEICNEOLAÍOCHTA CHORCAÍ

Semester 1 Examinations 2011/12

Module Title: Pathophysiology

Module Code: PHOL8002

School: Science & Informatics

Programme Title: Bachelor of Science in Health and Nutritional Sciences
Bachelor of Science in Pharmaceutical Biotechnology
Bachelor of Science in Herbal Sciences

Programme Code: SNHSC_8_Y4
SPHBI_8_Y4
SHERB_8_Y4

External Examiner(s): Dr Jerry Bird, Dr Julia Green, Dr Alison Gallagher
Internal Examiner(s): Dr Helen O'Shea

Instructions: Answer one question from section A and one question from section B, and any one other question of your choice.
All questions carry equal marks.

Duration: 2 Hours

Sitting: Winter 2011

Requirements for this examination:

Note to Candidates: Please check the Programme Title and the Module Title to ensure that you have received the correct examination paper.
If in doubt please contact an Invigilator.

Section A

Q 1. Write detailed notes on the pathophysiology of the gastrointestinal tract with specific reference to:

- (a) The Oesophagus (50 Marks)
- (b) The Small and Large Intestine (50 Marks)

Q 2. Write detailed notes on the pathophysiology of the respiratory system under the following headings:

- (a) Environmentally induced diseases (50 Marks)
- (b) Infectious diseases (50 Marks)

Q 3. Write a detailed essay on urinary tract infections with reference to

- (a) Clinical symptoms (25 Marks)
- (b) Pathogenesis (25 Marks)
- (c) Diagnosis (25 Marks)
- (d) Treatment (25 Marks)

Section B

Q 4. Write detailed notes on the pathophysiology of the heart with specific reference to:

- (a) Infectious diseases (50 Marks)
- (b) Valve defects (50 Marks)

Q 5. Write detailed notes on sickle cell anaemia. (100 marks)

Q 6. Write a detailed essay on sexually transmitted bacterial diseases with reference to

- (a) Clinical symptoms (25 Marks)
- (b) Pathogenesis (25 Marks)
- (c) Diagnosis (25 Marks)
- (d) Treatment (25 Marks)