

CORK INSTITUTE OF TECHNOLOGY
INSTITIÚID TEICNEOLAÍOCHTA CHORCAÍ

Autumn Examinations 2010/11

Module Title: Pathophysiology

Module Code: PHOL8002

School: Biological Sciences

Programme Title: Bachelor of Science (Honours) in Herbal Sciences – Award
Bachelor of Science (Honours) in Health and Nutritional Sciences – Award
Bachelor of Science (Honours) in Pharmaceutical Biotechnology –Award

Programme Code: **SHERB_8_Y4**
SNHSC_8_Y4
SPHBI_8_Y4

External Examiner(s): Dr Julia Green, Prof Elizabeth Williamson,
Internal Examiner(s): Dr Roy Sleator, 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: Autumn 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

- Q1. Write a detailed account of the pathophysiologies associated with the gastrointestinal tract. (100 Marks)
- Q2. Write detailed notes on the pathophysiology of the respiratory system with specific reference to infectious disease. (100 Marks)
- Q3. Write a detailed essay on urinary tract infections with reference to
- (a) Clinical symptoms (50 Marks)
 - (b) Microbiological investigation of urine samples (50 Marks)

Section B

- Q4. Write detailed notes on the pathophysiology of the heart with specific reference to:
- (a) Infectious diseases (50 Marks)
 - (b) Valve defects (50 Marks)
- Q5. Write detailed notes on sickle cell anaemia. (100 Marks)
- Q6. 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)