

**CORK INSTITUTE OF TECHNOLOGY
INSTITIÚID TEICNEOLAÍOCHTA CHORCAÍ**

Repeat Examinations 2009/10

Module Title: Pathophysiology CA

Module Code: PHOL8002

School: Science

Programme Title: Bachelor of Science in Applied Biosciences

Programme Code: SBIOS_8_Y4 / SHERB_8_Y4

External Examiner(s): Dr. Don Faller
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 2010

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 oral cavity (50 Marks)
- (b) The stomach and duodenum (50 Marks)

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

- (a) Infectious diseases (50 Marks)
- (b) Hereditary conditions (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 (34 Marks)
- (b) Valve defects (33 Marks)
- (c) Myocardial Infarction (33 Marks)

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

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

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