

CORK INSTITUTE OF TECHNOLOGY
INSTITIÚID TEICNEOLAÍOCHTA CHORCAÍ

Autumn Examinations 2012

Module Title: Systems Pharmacology

Module Code: CHEM8009

School: Science

Programme Title: Bachelor of Science (Honours) Herbal Science – Year 3

Programme Code: SHERB_8_Y3

External Examiner(s): Dr. J. Green

Internal Examiner(s): Ms. Anna-Maria Keaveney

Instructions: Answer 3 QUESTIONS. All questions have equal marks.

Duration: 2 Hours

Sitting: Autumn 2012

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.

- Q1. Describe in detail the various mechanisms of anti-asthmatic drugs and their respective therapeutic indication in relation to the treatment of asthma.
- Q2. Discuss in detail the pharmacology of antidepressant drugs.
- Q3. Describe in detail the mode of actions employed by drugs in the treatment of Parkinson's.
- Q4. Describe in detail the main types and mechanism of action of antiviral agents.
- Q5. Discuss in detail the various approaches to the management of diabetes.