

**CORK INSTITUTE OF TECHNOLOGY**  
**INSTITIÚID TEICNEOLAÍOCHTA CHORCAÍ**

**Semester 2 Examinations 2010/2011**

**Module Title:     Systems Pharmacology**

**Module Code:        CHEM 8009**

**School:                Science**

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

**Programme Code:    SHERB\_8\_Y3**

**External Examiner(s):     Professor Elizabeth Williamson, Dr. Julia Green**  
**Internal Examiner(s):     Dr Hugh McGlynn**

**Instructions:                Answer 3 QUESTIONS**

**Duration:                 2 hours**

**Sitting:                    Summer 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.

- Q1. Describe in detail hypertension and discuss the clinical treatments used to treat this disorder.
- Q2. Discuss the use and importance of the anti-inflammatory agents in disease prevention.
- Q3. Describe in detail the pharmacology of the anti- viral drugs.
- Q4. Describe in detail the main types of diabetes and the agents used in its treatment.
- Q5. Discuss the management of asthma.
- Q6. Discuss any one class of CNS acting drugs