

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

**Semester 2 Examinations 2010/2011**

**Module Title:     Systems Pharmacology**

**Module Code:**                CHEM8009

**School:**                        Science

**Programme Title:**            BSc (Hons) Herbal Science

**Programme Code:**            SHERB\_8

**External Examiner(s):**        Professor Elizabeth Williamson  
**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