

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

**Semester 2 Examinations 2008/09**

**Module Title:   Materia Medica by body systems**

**Module Code:**       BIOL7015:

**School:**               Science

**Programme Title:**   Bachelor of Science (Honours) in Herbal Science – Stage 2

**Programme Code:**   SHERB\_8\_Y2

**External Examiner(s):**   Dr Dilis Clare  
                                  Prof. Elizabeth Williamson  
**Internal Examiner(s):**   Ms Anna-Maria Keaveney

**Instructions:**

Answer Question 1 (Compulsory) and TWO other questions.

**Duration:**       2 hours

**Sitting:**         Summer 2009

**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.

1. What is the pharmacological and clinical evidence for the actions and indications of 3 (three) of the following herbs **(30 marks)**
  - a. *Aesculus hippocastanum* (Horse chestnut)
  - b. *Arctostaphylos uva-ursi* (Uva ursi)
  - c. *Hypericum perforatum* (St. John's Wort)
  - d. *Vitex agnus castus* (Chaste berry)
  
2. Describe the physiological effects (including systems effects) on the body of (a) *Astragalus membranaceus* (Astragalus) and (b) *Humulus lupulus* (hops) in terms of their qualities, actions and indications. **(10 marks)**
  
3. Discuss in detail the actions and indications of the following herbs **(10 marks)**
  - a. *Artemisia absentium* (Wormwood)
  - b. *Calendula officinalis* (Marigold)
  - c. *Cimicifuga racemosa* (Black cohosh)
  - d. *Harpagophytum procumbens* (Devils claw)
  - e. *Salvia officinalis* (Sage)
  
4. What are the cautions, warnings, contraindications, interactions, adverse reactions (as appropriate ) in relation to the following herbs **(10 marks)**
  - a. *Fucus vesiculosus* (Bladderwrack)
  - b. *Glycyrrhiza glabra* (Licorice)
  - c. *Mentha X piperita* (Peppermint)
  - d. *Tabebuia avellanedae* (Pau d' arco)
  - e. *Vaccinium myrtillus* (Bilberry)