

**CORK INSTITUTE OF TECHNOLOGY  
INSTITIÚID TEICNEOLAÍOCHTA CHORCAÍ**

**Semester 2 Examinations 2009/10**

**Module Title:     Materia Medica by Body Systems**

**Module Code:                     BIOL7015**

**School:                             Science**

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

**Programme Code:                SHERB\_8\_Y2**

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

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

**Instructions:                     3 questions to be answered -  
Question 1 is compulsory and must be answered. The  
remaining 2 questions can be taken from questions 2 to 4.**

**Duration:                         2 Hours**

**Sitting:                          Summer 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.

1. Discuss the pharmacological and clinical evidence for the actions and indications of 3 (three) of the following herbs **(30 marks)**
  - a. *Cimicifuga racemosa* (Black cohosh)
  - b. *Dioscorea villosa* (Wild yam)
  - c. *Astragalus membranaceus* (Astragalus)
  - d. *Calendula officinalis* (Marigold)
  
2. Describe the physiological effects (including systems effects) on the body of (a) *Vitex agnus castus* (Chaste berry) and (b) *Glycyrrhiza glabra* (Licorice) in terms of their qualities, actions and indications **(10 marks)**
  
3. Discuss in detail, and with reference to the physiological effects on the body, the actions and indications of the following herbs **(10 marks)**
  - a. *Harpagophytum procumbens* (Devils claw)
  - b. *Galium aparine* (Clivers)
  - c. *Tabebuia avellanedae* (Pau d'arco)
  - d. *Viburnum opulus* (Cramp bark)
  - e. *Serenoa serrulata* (Saw palmetto)
  
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. *Humulus lupulus* (Hops)
  - c. *Hypericum perforatum* (St. John's Wort)
  - d. *Phytolacca* (Pokeroot)