

**CORK INSTITUTE OF TECHNOLOGY  
INSTITIÚID TEICNEOLAÍOCHTA CHORCAÍ**

**Autumn Examinations 20012/13**

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

**Module Code:        BIOL7015**

**School:                Science**

**Programme Title:    B.Sc. (Honours) in Herbal Science**

**Programme Code:    SHERB\_8\_Y2**

**External Examiner(s):      Dr. J. Green**

**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:            Autumn 2013**

**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. *Vitex agnus castus* (Chaste berry)
  - b. *Lavandula officinalis* (Lavender)
  - c. *Serenoa serrulata* (Saw palmetto)
  - d. *Cimicifuga racemosa* (Black cohosh)
  
2. Describe the physiological effects (including systems effects) on the body of (a) *Glycyrrhiza glabra* (Licorice) and (b) *Fucus vesiculosus* (bladderwrack) in terms of their actions and indications **(10 marks)**
  
3. Discuss in detail the actions and indications of 2 (two) the following herbs **(10 marks)**
  - a. *Astragalus membranaceus* (Astragalus)
  - b. *Hypericum perforatum* (St. John's wort)
  - c. *Hamamelis virginiana* (Witch hazel)
  
4. What are the cautions, warnings, contraindications, interactions, adverse reactions (as appropriate) in relation to 2 (two) the following herbs **(10 marks)**
  - a. *Hypericum perforatum* (St. John's wort)
  - b. *Vitex agnus castus* (Chaste berry)
  - c. *Phytolacca americana* (Pokeweed)