

**CORK INSTITUTE OF TECHNOLOGY
INSTITIÚID TEICNEOLAÍOCHTA CHORCAÍ**

Semester 2 Examinations 20012/13

Module Title: Materia Medica by Body Systems (LEGACY)

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: Summer 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 two actions and two indications of 3 (three) of the following herbs

(30 marks)

- a. *Fucus vesiculosus* (Bladderwrack)
- b. *Serenoa serrulata* (Saw palmetto)
- c. *Harpagophytum procumbens* (Devil's claw)
- d. *Astragalus membranous* (Astragalus)

2. Describe the physiological effects (including systems effects) on the body of (a) *Glycyrrhiza glabra* (Licorice) and (b) *Lavandula angustifolia* (Lavender) in terms of their actions and indications

(10 marks)

3. Discuss in detail the actions and indications of 2 (two) the following herbs

- a. *Phytolacca americana* (Pokeroot)
- b. *Tilia* spp. (Lime tree)
- c. *Viburnum opulus* (Cramp bark)

(10 marks)

4. What are the cautions, warnings, contraindications, interactions, adverse reactions (as appropriate) in relation to 2 (two) the following herbs

- a. *Hypericum perforatum* (St. John's Wort)
- b. *Vitex agnus castus* (Chaste berry)
- c. *Cimicifuga racemosa* (Black cohosh)

(10 marks)