

CORK INSTITUTE OF TECHNOLOGY
INSTITIÚID TEICNEOLAÍOCHTA CHORCAÍ

Autumn Examinations 20011/12

Module Title: Materia Medica by Body Systems

Module Code: BIOL7015

School: Science & Informatics

Programme Title: BSc (Hons) in Herbal Science – Year 2

Programme Code: SHERB_8_Y2

External Examiner(s): Dr Julia 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 2012

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:

- a. *Harpagophytum procumbens* (Devil's claw)
- b. *Astragalus membranaceus* (Astragalus)
- c. *Hamamelis virginiana* (Witch hazel)
- d. *Glycyrrhiza glabra* (Licorice)

(30 marks)

2. Describe the physiological effects (including systems effects) on the body of (a) *Lavandula angustifolia* (Lavender) 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:

- a. *Vitex agnus castus* (Chaste tree)
- b. *Calendula officinalis* (Marigold)
- c. *Turnera diffusa* (Damiana)

(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. *Cimicifuga racemosa* (Black cohosh)
- c. *Serenoa serrulata* (Saw palmetto)

(10 marks)