

CORK INSTITUTE OF TECHNOLOGY
INSTITIÚID TEICNEOLAÍOCHTA CHORCAÍ

Semester 2 Examinations 2011/12

Module Title: Materia Medica by Body Systems

Module Code: BIOL7015

School: Science

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

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 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

(30 marks)

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

2. Describe the physiological effects (including systems effects) on the body of (a) *Tabebuia avellanedae* (Pau d'arco) and (b) *Astragalus membranaceus* (Astragalus) 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. *Harpagophytum procumbens* (Devil's claw)
- b. *Hamamelis virginiana* (Witch hazel)
- c. *Galium aparine* (Cleavers)

4. What are the cautions, warnings, contraindications, interactions, adverse reactions (as appropriate) in relation to 2 (two) the following herbs **(10 marks)**

- a. *Phytolacca americana* (Pokeroot)
- b. *Humulus lupulus* (Hops)
- c. *Serenoa serrulata* (Saw palmetto)