

CORK INSTITUTE OF TECHNOLOGY
INSTITIÚID TEICNEOLAÍOCHTA CHORCAÍ

Semester 2 Examinations 2010/11

Module Title: Herbal Pharmacy

Module Code: CHEO8001

School: Science

Programme Title: Bachelor of Science (Honours) in Herbal Science – Year 3

Programme Code: SHERB_8_Y3

External Examiner(s): Prof. E. Williamson, Dr. Julia Green

Internal Examiner(s): Ms Anna-Maria Keaveney

Instructions: Answer **two** out of three questions
All questions have equal marks (50 Marks Each)

Duration: 2 Hours

Sitting: Summer 2011

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.

- Q1. Although there has been a relaxation of the requirement to prove efficacy, there has been no weakening of quality standards under the Traditional Herbal Medicinal Products Directive (THMPD). Under THMPD, the herbal product must now comply with the normal rigorous quality standards required for all other medicines.
- Critically discuss the main issues that have been raised in relation to the quality of herbal medicinal products and in particular the quality issues that arise due to the multi constituent nature of these products. Include references to the Traditional Herbal Medicinal Products Directive, EMEA guidelines/ discussions and research findings in your discussions.
- Q2. Critically discuss the various extraction processes that are commonly used within herbal pharmacy and critically evaluate these in terms of the effect on constituent profile.
- Q3. Safety issues are considered to start with the herbal substance. Critically discuss the safety issues that need to be considered under the Traditional Herbal Medicinal Product Directive (THMPD) in relation to a herbal substance including reference to the EMEA guidelines/ discussions and research findings.