

CORK INSTITUTE OF TECHNOLOGY
INSTITIÚID TEICNEOLAÍOCHTA CHORCAÍ

Autumn Examinations 2008

Module Title: Computing Skills

Module Code: **COMP 6005**

School: Science

Programme Title: Bachelor of Science (Honours) in Herbal Science – Year 1

Programme Code: **SHERB_8_Y1**
 SBIOS_7_Y1

External Examiner(s): **Dr. D. Clare, Dr. D. Corrigan**
Internal Examiner(s): **Mr. Martin Connolly**

Instructions: Answer **ALL** questions.
 All questions carry equal marks.

Duration: 2 Hours.

Sitting: Autumn 2008.

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.

Q 1. (25 marks)

Q 1 (a)

Outline the process of starting up a computer. In your answer distinguish between cold and warm booting.

(13 marks)

Q 1 (b)

Explain the following terms:

- (i) LAN
- (ii) Peer-to-Peer Network
- (iii) Client-Server Network
- (iv) WAN Application

(12 marks)

Q 2. (25 marks)

Q 2 (a)

What is a computer virus? Describe the different types of virus that computers can be infected with. Outline how viruses can spread from computer to computer.

(13 marks)

Q 2 (b)

Explain the following terms:

- (i) The Hypertext Concept.
- (ii) Web Browser
- (iii) Web Server
- (iv) WWW

Q 3. (25 marks)

Q 3 (a)

Describe the 3 components of the CPU.

(13 marks)

Q 3 (b)

Distinguish between commercial software, shareware, freeware and public domain software.

(12 marks)

Q 4. (25 marks)

Q 4 (a)

Outline 8 types of wireless transmission media.

(13 marks)

Q 4 (b)

Describe the 4 basic operations of the Information processing cycle.

(12 marks)