

Cork Institute of Technology
Bachelor of Science (Honours) in Herbal Science – Stage 1

(NFQ Level 8)

Summer 2007

Botany

(Time: 3 Hours)

Instructions
Answer FIVE questions.

Examiners: Mr. B. O'Dwyer
Dr. S. Kumar
Dr. D. Corrigan
Mr. E. Walsh

- Q1. List the main differences between Monocot and Dicot plants. (20 marks)
- Q2. Write a description of one type of tissue found in plants. (20 marks)
- Q3. Define and explain the process and mechanism of Photosynthesis in plants. (20 marks)
- Q4. Explain how plant growth and response is controlled by growth regulators. (20 mark)
- Q5. Describe the factors that affect the germination of viable seed. (20 marks)
- Q6. Write a short account of the 2 KINGDOM system of plant classification. (20 marks)
- Q7. Explain how a plants environment affects Transpiration. (20 marks)