

Cork Institute of Technology
Bachelor of Science (Honours) in Herbal Science – Stage 1
(NFQ – Level 8)
Summer 2006
Botany
(Time: 3 Hours)

Instructions
Answer FIVE out of SEVEN questions.
Marks awarded: 100
Value: 50% of total marks

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

- Q1. Compare and contrast the different components of monocot plants with dicot plants. (20 marks)
- Q2. Write a description of vascular tissue in plants. (20 marks)
- Q3. Define and explain the process and mechanism of transpiration in plants. (20 marks)
- Q4. Explain tropism in the context of plant growth and response. (20 marks)
- Q5. Describe the factors that affect the germination of viable seed. (20 marks)
- Q6. Write a short account of the 5 KINGDOM system of plant classification. (20 marks)
- Q7. Explain how a plant's environment affects photosynthesis. (20 marks)