

國立嘉義大學九十六學年度

生物醫藥科學研究所碩士班招生考試（乙組）試題

科目：細胞生物學

一、申論題：（每題 20 分，共 80 分）

1. Describe 2 experimental methods for identification of protein-DNA interaction.
2. Describe the biological functions of p53 protein in a cell.
3. Describe the mechanism of receptor desensitization.
4. Please describe the methods to measure the electrical recording of channel activities in membranes.

二、簡答題：（每題 5 分，共 20 分）

1. What is the mechanism by which thyroid hormone can transduce the message into intracellular event?
2. Please outline the stages of the cell cycle and the main events of each stage.
3. What is the difference between primary and secondary active transport?
4. What are integrins?