

國立成功大學

113學年度碩士班招生考試試題

編 號：299

系 所：細胞生物與解剖學研究所

科 目：生理學

日 期：0202

節 次：第 1 節

備 註：不可使用計算機

※ 考生請注意：本試題不可使用計算機。 請於答案卷(卡)作答，於本試題紙上作答者，不予計分。

1. Please describe the external and internal respiration! (15%)
2. Please describe how hypothalamus-pituitary-adrenal axis is activated as you suffer stress! (8%)
3. Please describe how blood volume modulates arterial pressure? (15%)
4. Please describe sperm journey from seminiferous tubules in testis to finally fertilize oocyte! (18%)
5. Please describe how synapse works in neurotransmission! (15%)
6. Please describe the active and passive tubule reabsorption in kidney! (17%)
7. Please describe the excitation-contraction coupling in cardiac muscle! (12%)