

國立體育學院九十學年度研究所碩士班入學考試試題

解剖生理學

(本試題共 一 頁)

※注意:答案一律寫在答案卷上，否則不予計分

- 1.解剖生理學的概觀? 10%
- 2.Define homeostasis. 10%
- 3.Comment on the role of the sodium-potassium pump in maintaining a cell's resting membrane potential. 10%
- 4.Name the specific connective tissue type (a) forming the soft packing around organs (b) supporting the ear pinna (c) forming "stretchy" ligaments (d) first connective tissue in the embryo (e) forming the intervertebral disc (f) covering the ends of bones at joint surfaces (g) main component of subcutaneous tissue. 10%
- 5.Describe the function of the arches of the foot. 10%
- 6.定義關節動作(joint movements)的各種方式? 10%
- 7.Name and describe the four special functional characteristic of muscle that are basis for muscle response. 10%
- 8.List all (six) possible movements that can occur at the shoulder joint and name the prime mover(s) of each movement. Then name their antagonists. 10%
- 9.What constitutes the blood-brain barrier? 10%
- 10.Note several factors that place newborn babies at risk for acid-base imbalances. 10%