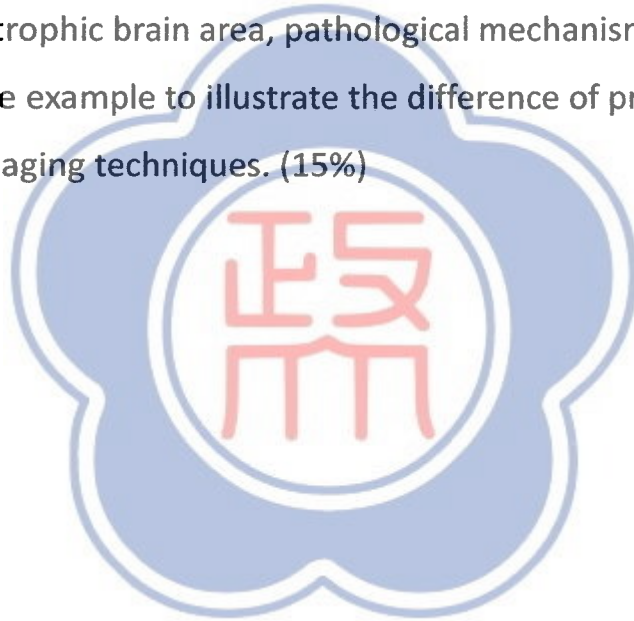


考試科目	神經生物學	系所別	神經科學研究所	考試時間	2 月 6 日(五) 第四節
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申論題 (共 5 題，合計 100 分)

1. Based on their chemical structure and function, please describe in detail neurotransmitters can be classified into which categories? (20%)
2. Please describe in detail the cellular regulatory mechanisms of neurotransmitters? (25%)
3. Please describe in detail how three types of glial cells can maintain brain functions. (15%)
4. Please describe in detail the differences between dementia and Parkinson's disease in terms of clinical symptoms, atrophic brain area, pathological mechanisms, and treatment. (25%)
5. Please provide each one example to illustrate the difference of principles between structural and functional brain imaging techniques. (15%)



備

註

- 一、作答於試題上者，不予計分。
- 二、試題請隨卷繳交。