

國立臺中教育大學 101 學年度研究所碩士班招生考試

教育學試題

適用學系：教育學系碩士班、教育學系課程與教學碩士班

- 一、近年來，腦科學的研究廣受各國的重視。這方面的研究成果讓我們對於大腦如何學習的問題有更進一步的認識，並引發對於腦和學習之間關聯的重思。腦科學的研究也逐漸影響教育的理論與實務。透過對於大腦如何學習並運用訊息的了解，教育學者期望能結合腦科學的研究發現，設計出較佳的學習方案，發展出適合不同學習者特質的教育策略，以發揮大腦的學習潛能。請舉例說明腦科學研究和教育議題之間的關聯並分析腦科學研究成果引出哪些教育的新思考方向。(25%)

- 二、近代多元智慧的理論指出，每個人的天賦都不同，對於文字、音樂、肢體、數字的敏感度都不一樣。長期以來，教育上揭示著「因材施教」、「有教無類」的理想，期待每個人能獲得適性之教育以開展其潛能，發揮所長。試問，在學校教育上如何落實適性教育的理想？請說明應掌握的基本原則與可能的具體做法。(25%)

- 三、英國教育學者肯·羅賓森(Ken Robinson)曾經撰寫《讓天賦自由》與《讓創意自由》等書，並在 TED 網站發表演講，大力抨擊當前的學校教育扼殺學生創意的發展。請說明他的論點或理由是什麼？並提出你的看法。(25%)

- 四、Racism is preference for or belief in the superiority of one's own racial group over any other. Please read the following paragraph and answer the questions.
(25%)
As a fellow ABC (American-Born Chinese) with Taiwanese roots, Jeremy Lin (林書豪) has seen it and heart it. Too short. Too skinny. Picked last. Asian. Those tags stick to Lin wherever he goes, even as the starting point guard for Harvard's basketball team. "It's a sport for white and black people," Lin said. "You don't get respect for being an Asian American basketball player in the U.S." Despite his stature on the court at Harvard, Lin admitted it was "nerve-racking" playing against older, more experienced players in the San Francisco summer league. To them, Jeremy was a novelty. Maybe even a joke.
 - (1) What would you feel if you were Jeremy's parent?
 - (2) What might you say and do if you were a teacher?

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課程與教學理論與實務試題

適用學系：教育學系課程與教學碩士班

- 一、何謂「議題中心教學法」？教師在教學過程中應掌握哪些教學原則？試舉一例說明其教學步驟。(25%)
- 二、「自我導向課程」源自於人本主義學者的倡導，主張學生自我導向學習，有別於傳統的教師導向學習，其特性為何？教師在設計「自我導向課程」時，應注意哪些要項？(25%)
- 三、解釋課程設計之目標模式與歷程模式，比較二者優、缺點，以及說明其最適用學習領域。(25%)
- 四、What are the two major educational reforms or movements that have emerged from the philosophy of essentialism after the Sputnik era? And, how they affect today's school curriculum? (25%)