

國立高雄科技大學 113 學年度碩士班招生考試 試題紙

系所別：資訊管理系碩士班與資訊管理系電子商務碩士班聯合招生

考科代碼：1013

考 科：資訊管理導論

注意事項：

- 1、筆試可使用電子計算器之科目，由本校提供，考生不得使用自備計算器，違者該科不予計分。
- 2、請於答案卷上規定之範圍作答，違者該題不予計分。

問答題(100%)

一、請就資訊管理的理論來論述在 AI 與 ChatGPT 浪潮下要如何來進行工作協作或研究？有哪些工具能協助？你是否有具體的經驗進行相關事務？(60%)

二、請具體說明一下，此篇論文摘要的研究主題與內容為何。(40%)

*Even in the context of industry 4.0, conventional warehouse management continues to encounter challenges. Amidst these obstacles, innovative solutions are imperative. Order picking, a critical process with significant implications for customer service, remains labor-intensive within warehousing operations. Current manual methods result in prolonged inventory cycles and inherent accuracy complexities. To address these issues, we have used the Design Science Research (DSR) method for developing a device called the Smart Scale, which helps to optimize the management of warehouse inventories. This device, which is tailored specifically for lightweight items such as chewing gum, screws, and fasteners, uses weight sensors to dynamically calculate real-time quantities. By reducing human error and enhancing item supervision, the Smart Scale improves inventory precision and time and cost efficiencies.*