

國立臺灣科技大學

九十二學年度博士班招生考試試題

系所組別：工業管理系博士班戊組

科目：管理資訊系統

總分100分

1. 名詞解釋 (28%)
 - i. Legacy system
 - ii. Vertical and horizontal marketplace
 - iii. Application Portfolio
 - iv. E-marketplace
2. (12%) Define and explain how a firewall works?
3. (12%) What major e-commerce benefit can be provided by the extensive markup language (XML)?
4. (12%) Briefly describe Michael Porter's *competitive forces model*?
5. (12%) Compare and contrast tacit knowledge and explicit knowledge.
6. (12%) Discuss the major drivers and benefits of data warehousing to end user.
7. (12%) Explain the bullwhip effect. In which type of EC business it is likely to occur most? How can the effect be controlled?

