

大葉大學 96 學年度 研究所碩士在職專班 招生考試試題紙

系所別	組別	考試科目 (中文名稱)	考試日期	節次	備註 共二頁
資管所 EMBA	乙	資訊教育與管理	4月15日	第一節	1/2

註：考生可否攜帶計算機或其他資料作答，請在備註欄註明（如未註明，一律不准攜帶）

08:30 ~ 10:00

一、選擇題：每題 3 分(30%)——將答案依序繕寫於答案卷，不得於本卷繕寫

- 1.() To understand information systems, one must understand:
 - a.) the problems they are designed to solve.
 - b.) their architectural and design elements.
 - c.) organizational processes.
 - d.) a and b.
 - e.) a, b, and c.
- 2.() Information systems literacy requires:
 - a.) technical knowledge about computers.
 - b.) behavioral knowledge about organizations and individuals using information systems.
 - c.) financial and accounting excellent skills.
 - d.) a and b.
 - e.) a, b, and c.
- 3.() The technical approach to information systems includes:
 - a.) computer science.
 - b.) operations research.
 - c.) management science.
 - d.) a and b.
 - e.) a, b, and c.
- 4.() Networked information systems allow companies to:
 - a.) Do business with fewer employees.
 - b.) Cut management costs.
 - c.) Deal with financial information more securely.
 - d.) Maintain the security of proprietary information.
 - e.) Coordinate with other organizations across great distances.
- 5.() Knowledge-level systems:
 - a.) monitor the elementary activities and transactions of the organization.
 - b.) support knowledge and data workers in an organization.
 - c.) support the monitoring, controlling, decision-making and administrative activities of middle management.
 - d.) support long-range planning activities.
 - e.) support financial and resource planning activities.
- 6.() Which of following choice is not a web style language in dynamic:
 - a) PHP
 - b) JSP
 - c) ERP
 - d) ASP
- 7.() The three activities in an information system that produce the information organizations use to control operations are:
 - a) information retrieval, research, and analysis.
 - b) input, output, and feedback.
 - c) input, processing, and output.
 - d) data analysis, processing, and feedback

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資管所 EMBA	乙	資訊教育管理	4月15日	第一節	2/3

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- 8.() The three principal levels of hierarchies within a business organization are:
- management, knowledge workers, and service workers.
 - senior management, middle management, and operational management.
 - management, data workers, and operational management.
 - senior management, middle management, and service workers.
- 9.() A hierarchy:
- is based on a clear-cut division of labor.
 - is composed primarily of experts trained for different functions.
 - is a pyramid structure or rising authority and responsibility.
 - all of the above.
- 10.() Converting raw data into a more meaningful form is called:
- capturing.
 - processing.
 - organizing.
 - feedback.

二、問答題：本題共 70 分(70%)—將答案依序繕寫於答案卷，不得於本卷繕寫

題要：“英國經濟學人雜誌調查報導，預測下一波產業革命的科技發展主要為「資訊科技(32%)」、「生物科技(20%)」、「新能源與車輛科技(16%)」，足見資訊通訊科技、生物科技與能源科技乃現今對人類影響最大之三大科技”。請就您的本職學能依序回答下列諸項問題(提醒您注意每題的確切要求)：

- (1). 此三大新興科技彼此間有何關聯？對您目前工作有何預期下的影響？(5%)
- (2). 資訊科技對各類型社會與環境又有何影響？(10%)
- (3). 資訊科技除了可提供種種優勢之外，會給人類社會帶來哪些負面之影響嗎？(5%)
- (4). 面對現今的資訊科技供給面與社會需求面，讓您看到了哪些 phenomenon(s)值得探究？(5%)
- (5). 續上題，會有所謂的社會供給面與資訊科技需求面的論點產生嗎？又讓您看到了哪些 phenomenon(s)值得探究？(5%)
- (6). 您覺得資訊科學與社會科學在此研究所各扮演何種角色？以及共同結合形成為什麼樣的角色與局面？(10%)
- (7). 「資訊社會學」與「社會資訊學」各為何意？其各自涵括哪些學理？(10%)
- (8). 最後，請您反思資訊科技與社會發展之雙向互動的複雜關係，將思索的內涵以圖文並陳，與提綱挈領的手法來完成第一大題。(20%)