

大葉大學 九十二 學年度 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
資訊管理研究所	甲	管理資訊系統	4 月 13 日	第 一 節 08:30-10:00	共二頁 P2-1

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）

一. 選擇題 60% (單選，答錯不倒扣，每題 5 分)

1. What is the correct order of activities in decision making?

- (a) choice, design, intelligence
- (b) design, intelligence, choice
- (c) intelligence, design, choice

2. \_\_\_\_\_ is a category of artificial intelligence.

- (a) Robotics
- (b) Artificial vision
- (c) Natural language processing
- (d) all of the above

3. In object oriented programming, an object

- (a) is the purpose for which a program is written.
- (b) encapsulates a set of data with the code that is used to operate on it.
- (c) is the topic on which a program is written.
- (d) is the purpose of both the entity that the code will process and the procedures that will operate on it.

4. In \_\_\_\_\_ conversion to a new IS, the old system is used along with the new system for a period of time.

- (a) parallel
- (b) phased
- (c) cold turkey
- (d) pilot

5. The time between the adoption of an idea for a product and the completion of a prototype that can be mass-manufactured is known as \_\_\_\_\_.

- (a) prototyping
- (b) time-to-market
- (c) computer-aided design
- (d) supply lead time

6. Natural disasters that pose risks to ISs include

- (a) human beings.
- (b) software bugs.
- (c) earthquakes.
- (d) hackers.

7. Knowledge can be represented in expert systems in the form of \_\_\_\_\_.

- (a) if-then rules
- (b) semantic frames
- (c) semantic networks
- (d) all of the above

8. The IS tactical plan

- (a) comes before the IS strategic plan.
- (b) describes how the IS strategic plan will be accomplished.
- (c) is an example of an IS organizational unit.
- (d) none of the above

9. What is compatibility in the planning of an IS?
- (a) Compatibility is the degree to which the IS strategic plan agrees with the IS tactical plan.
  - (b) Compatibility is the degree to which IS specialists are familiar with the type of systems they are supposed to maintain.
  - (c) Compatibility is the ability to use the same data with more than one application, and the ability of different hardware pieces to work together.
  - (d) Compatibility is the degree to which IS specialists are familiar with the type of systems they are supposed to develop.
10. The concept of fuzzy logic is so called because
- (a) the rules of the concept are not yet well-defined.
  - (b) it uses rules that are not mathematically precise.
  - (c) the system is not restricted to either/or? choices.
  - (d) at the beginning of research in this area, the scientists were said to have Fuzzy minds? due to the strange ideas they came up with.
11. An opportunity can be
- (a) an undesired situation.
  - (b) a potential increase in revenue, reduction of costs, or gain in competitive advantage.
  - (c) any failure of a competitor.
  - (d) a problem that has been resolved.
12. After the \_\_\_\_\_ stage, the SDLC includes four major phases.
- (a) planning
  - (b) analysis
  - (c) programming
  - (d) design

二. 問答題 40% (每題 10 分)

1. What is encryption, and how does it work?
2. Distinguish between data, information and knowledge.
3. Explain Supply Chain Management (SCM) and Customer Relationship Management (CRM).
4. What is EDI? What are some of the benefits of EDI?