大葉大學九十學年度研究所碩士班招生考試試題紙			
系 所 組 別	考 試 科 目 （中 文 名 稱）	考 試 日 期	備 註
資管所 甲/乙	資訊管理系統	4 月 22 日 第 1 節	共二頁

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 4 分）

1. It is often stated that the use of information technology makes our work more effective, more, or both.
   (a efficient
   (b fun
   (c rewarding
   (d none of the above
2. Which of these business areas cannot be aided with ISs?
   (a marketing and sales
   (b human resource management
   (c accounting
   (d brick laying
3. Groupware refers to software that helps with which of the following activities?
   (a group calendaring and scheduling
   (b collaborative document handling
   (c electronic meeting systems
   (d all of the above
4. What is the correct order of activities in decision making?
   (a choice, design, intelligence
   (b design, intelligence, choice
   (c intelligence, design, choice
   (d none of the above
5. A fully structured problem is one
   (a that has been already successfully solved by someone.
   (b whose optimal solution can be reached through a single set of steps.
   (c for which there is a small number of possible solutions.
   (d for which there are a large number of possible solutions.
6. _____ is a category of artificial intelligence.
   (a Robotics
   (b Artificial vision
   (c Natural language processing
   (d all of the above
7. Critical success factors are
   (a management activities that are frequently criticized by top management.
   (b issues identified by employees at the lowest level of management as critically important to the success of their jobs.
   (c issues identified by executives as critically important to the success of their business units.
   (d ISs that must be taken care of before any planning is done.
8. A(n) _____ is an order to take a certain action.
   (a directive
   (b action
   (c order
   (d all of the above

9. In the technical feasibility study of the systems development effort, the project team examines if
    (a the components for the proposed system exist or can be developed with available tools.
    (b if the users will be technically qualified to operate the proposed system.
    (c if the proposed system is superior, technically, to similar systems used by competitors.
    (d if there will be sufficient technical support to maintain the system.
10. 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
11. CASE tools are _____ development tools.
    (a hardware
    (b printer
    (c system
    (d hard drive
12. In IS terminology, outsourcing is
    (a trusting an organization IS operations to an outside company.
    (b selling excess IS services of the IS department to other organizations.
    (c hiring a service firm to enter transaction records from source documents.
    (d identifying the sources of problems before exploring opportunities for
13. The major goals of information security include
    (a lowering the risk that systems and organizations may cease operating.
    (b maintaining information confidentiality.
    (c ensuring the integrity and reliability of data resources.
    (d all of the above
14. Natural disasters that pose risks to ISs include
    (a human beings.
    (b software bugs.
    (c earthquakes.
    (d hackers.
15. The database administrator is
    (a the part in the database that helps manipulate data.
    (b the person who plans databases and ensures that the database is up and running.
    (c the part of the database that supports data security.
    (d none of the above

二. 問答題 40%（每題 5 分）

1. What is the difference between data and information? Is there always a difference between them?

2. Why are modems required in telecommunications and what do they do?

3. Give four examples of how organizations can generate revenue on the Internet.

4. What are firewalls, and what is their purpose?

5. What is EDI? What are some of the benefits of EDI?

6. Why are systems analysts often referred to as agents of change?

7. What is SDLC (system development life cycle)?

8. What is Electronic Business?