一、解釋名詞(30分，每題3分，僅翻譯，不給分)


二、選擇題(40分，每題2分，答錯扣2.5分)

1. 下列對於「Google Library 計畫」的敘述，何者是錯誤的？
   (A) 是 Google 公司與牛津、哈佛等五大圖書館的合作計畫
   (B) 全世界各圖書館均贊同並支持此項計畫的進行
   (C) 此計畫預計在十年內將一千五百萬冊的圖書數位化
   (D) 數位化的圖書將具備全文檢索的功能

2. 下列何者為「灰色文獻」：(A) 期刊  (B) 會議論文集  (C) 圖書  (D) 以上皆是

3. 圖書館通常設有參考書區，放置可迅速查詢答案的基本工具書。下列何者較不可能放置在參考書區：(A) 字典  (B) 百科全書  (C) 年鑑  (D) 教科書

4. 下列對於杜威十進分類法的敘述，何者是正確的？
   (A) 杜威十進分類法，是由教育學家杜威(John Dewey) 創立的。
   (B) 杜威十進分類法的基本結構，勢將人類的全部知識分為 10 大類。
   (C) 在杜威十進分類法中，400 是應用科學類。
   (D) 以上皆是。

5. Journal Citation Report 可查詢到下列哪種資訊？
   (A) 某一期刊的價格  (B) 某一作者的所有著作  (C) 某一領域中最具影響力的期刊
   (D) 某一出版社出版的全部期刊名稱

6. Examples of _____ are real estate agents, insurance agents, meter readers, package delivery people, journalists, consultants, and students.
   (A) small office/home office users
   (B) mobile users
   (C) large business users
   (D) power users

7. In a Web address, the _____, is a set of rules that defines how pages transfer on the Internet.
   (A) html, which stands for Hypertext Markup Language
   (B) www, which stands for World Wide Web
   (C) http, which stands for Hypertext Transfer Protocol
   (D) url, which stands for Uniform Resource Locator

8. Popular _____ includes encyclopedias, dictionaries, health/medical guides, and travel directories.
   (A) legal software
   (B) reference software
   (C) entertainment software
   (D) accounting software
9. The cases of the system unit, sometimes called the ______, is made of metal or plastic and protects the internal electronic components from damage.
   (A) form factor  (B) chassis  (C) motherboard  (D) chip

10. All of the following may scratch or damage an optical disc except ______.
    (A) holding a disk by its edges
    (B) stacking disks
    (C) touching the underside of a disc
    (D) exposing disks to any type of contaminant

11. ____ is a program placed on a computer without the user’s knowledge or consent that secretly collects information about the user, sometimes relating to Web browsing habits.
    (A) Spyware  (B) A pop-up ad  (C) Spam  (D) A filter

12. _____ a disk, or reorganizing it so the files are stored in contiguous sectors, speeds up disk access and thus the performance of the entire computer.
    (A) Formatting  (B) Defragmenting  (C) Spooling  (D) Compressing

13. The technique of breaking a message into individual packets, sending the packets along the best route available, and then reassembling the data is called ______.
    (A) packet catching
    (B) packet building
    (C) packet switching
    (D) packet swapping

14. Broadcast radio is ______ susceptible to noise than physical transmission media but it provides flexibility and portability.
    (A) slower and more
    (B) slower and less
    (C) faster and more
    (D) faster and less

15. When a program flags a deleted record, the record ______ process it.
    (A) is deleted physically from the disk and is deleted logically because the program will not
    (B) is deleted physically from the disk but remains logically because the program will
    (C) remains physically on the disk but is deleted logically because the program will not
    (D) remains physically on the disk and remains logically because the program will

16. _____ is a process designed to ensure the data within the relations (tables) in a relational database contains the least amount of duplication.
    (A) Normalization  (B) Modeling  (C) Validation  (D) Querying
17. A ____ is a program that copies itself repeatedly in memory or on a network, using up resources and possibly shutting down the computer or network.

(A) computer virus (B) worm (C) Trojan horse (D) all of the above

18. ____ which provides encryption of all data that passes between a client and an Internet server, requires only that the client has a digital certificate.

(A) Secure Sockets Layer (SSL)
(B) Secure HTTP (S-HTTP)
(C) Secure Electronics Transactions (SET) Specifications
(D) Pretty Good Privacy (PGP)

19. The purpose of the ____ is to construct, or build, the new or modified system and then deliver it to the users.

(A) planning phase (B) analysis phase (C) implementation phase (D) support phase

20. Syntax errors will be caused by all of the following except ____.

(A) misspelling a command
(B) leaving out required punctuation
(C) typing command words out of order
(D) using the wrong control structure

三、問答題 (30%)

1. 近年來，數位化的資訊與電子技術影響了圖書館的館藏發展？你認為哪些層面的問題是需要重視的？(8%)

2. 數位學習是學習的新趨勢，你認為圖書館應如何配合數位學習的需求提供服務？(8%)

3. List the components of a typical operating system and summarize the role of each in a single phase. (8%)

4. Describe the three major steps in the translation process. (6%)