

臺灣綜合大學系統 107 學年度學士班轉學生聯合招生考試試題

科目名稱	計算機概論	類組代碼	A12
		科目碼	A1201

※本項考試依簡章規定各考科均「不可以」使用計算機

本科試題共計 7 頁

單選題（每題 2 分） 請於答案卷上作答，否則不予計分

1. A computing phrase means that the accuracy of a computer's output depends on the accuracy of the input, and this phrase is

(A) nothing ventured, nothing gained (B) what you see is what you get (C) a piece of cake (D) garbage in, garbage out.

2. The process of setting up the software to work with computer, printer, and other devices is called

(A) installing (B) loading (C) connecting (D) running.

3. Categories of users do NOT include

(A) communication users (B) enterprise users (C) mobile users (D) home users.

4. A named collection of stored data, instructions, or information is called a

(A) menu (B) file (C) database (D) system.

5. When computer users _____ a document, the computer transfers the document from a storage device to memory.

(A) save (B) edit (C) format (D) print.

6. A request for a specific data from a database is called a

(A) query (B) function (C) trigger (D) routine.

7. Microsoft Office is a popular

(A) database management system (B) operating system (C) software suites (D) application service provider.

8. The goal of _____ is to incorporate comfort, efficiency, and safety in the design of items in the workplace.

(A) authentication (B) concatenation (C) security (D) ergonomics.

9. Manufacturers often use _____ to represent the resolution of a digital camera.

(A) points per inch (B) pixels per screen (C) points per screen (D) pixels per inch.

臺灣綜合大學系統 107 學年度學士班轉學生聯合招生考試試題

科目名稱	計算機概論	類組代碼	A12
		科目碼	A1201

※本項考試依簡章規定各考科均「不可以」使用計算機

本科試題共計 7 頁

10. The location in a retail or grocery store where a consumer pays for goods or services is the

(A) DOS (B) COS (C) POS (D) TOS.

11. The physical material on which a computer keeps data, instructions, and information is called

(A) primary storage (B) secondary storage (C) primary index (D) secondary index.

12. A group of two or more integrated hard disks is called a(n)

(A) pocket (B) UFC (C) RAID (D) backup.

13. Tape storage requires _____ access, which refers to reading or writing data consecutively.

(A) sequential (B) hashed (C) indexed (D) sorted.

14. Microwave transmission, often called _____, involves sending signals from one microwave station to another.

(A) line-of-sight transmission (B) flexed-point wireless (C) out-of-sight transmission (D) fixed wireless.

15. The core of a _____ cable consists of dozens or hundreds of thin strands of glass or plastic that use light to transmit signals.

(A) coaxial (B) fiber-optic (C) twisted-pair (D) router.

16. _____ detection software automatically analyzes all network traffic, assesses system vulnerabilities, identifies any unauthorized access, and notifies a network administrator of suspicious behavior patterns or system bleaches.

(A) Intrusion (B) Traffic (C) Security (D) Threat.

17. The discovery, collection, and analysis of evidence found on computers and networks is called digital

(A) anthropology (B) epistemology (C) forensics (D) reduction.

18. Computer _____ occurs when a computer consumes someone's entire social life.

(A) consumption (B) addiction (C) destruction (D) manipulation.

臺灣綜合大學系統 107 學年度學士班轉學生聯合招生考試試題

科目名稱	計算機概論	類組代碼	A12
		科目碼	A1201

※本項考試依簡章規定各考科均「不可以」使用計算機

本科試題共計 7 頁

19. In the case of system failure or the discovery of corrupted files, users _____ the files by copying the backed up files to their original location on a computer.
(A) reboot (B) restore (C) rename (D) reset.

20. Employee _____ involves the use of computers to observe, record, and review an employee's use of a computer, including communications such as e-mail messages, keyboarding activity, and Web sites visited.
(A) monitoring (B) guiding (C) filtering (D) training.

21. Which one of the followings is an advantage of an interpreter.
(A) When it finds errors, it displays feedback immediately.
(B) Interpreted programs run faster than compiled programs.
(C) An interpreter produces an object program.
(D) The size of an interpreted program is smaller than a compiled program.

22. When programmers correct errors or add enhancements to an existing program, they are said to be _____ the program.
(A) testing (B) validating (C) designing (D) maintaining.

23. A _____ tests a condition at the beginning of the loop and continues looping as long as the condition is true.
(A) selection control structure (B) case control structure (C) do-while control structure (D) do-until control structure.

24. Two categories of software are
(A) utility programs and operating systems (B) operating systems and system software
(C) system software and application software (D) application software and utility programs.

25. A(n) _____ language is an interpreted language that typically is easy to learn and use.
(A) searching (B) indexing (C) directing (D) scripting.

臺灣綜合大學系統 107 學年度學士班轉學生聯合招生考試試題

科目名稱	計算機概論	類組代碼	A12
		科目碼	A1201

※本項考試依簡章規定各考科均「不可以」使用計算機 本科試題共計 7 頁

26. Which of the following is NOT true of a Wi-Fi network?
 (A) Many home users set them up. (B) A Wi-Fi's Internet service can be ADSL or cable.
 (C) A Wi-Fi's Internet service can be dial-up access. (D) Wi-Fi networks send signals to a communications device that is connected to a high-speed Internet service.

27. With ____ memory, the operating system allocates a portion of a storage medium, usually the hard disk, to function as additional RAM.
 (A) swap (B) device (C) exchange (D) virtual

28. A data ____ is a huge database that stores and manages the data required to analyze historical and current transactions.
 (A) mart (B) thread (C) warehouse (D) unit

29. ____ measures how well a proposed system will work.
 (A) Operational feasibility (B) Economic feasibility (C) Technical feasibility
 (D) Schedule feasibility

30. Internet-enabled mobile devices such as smart phones use a special type of browser, called a(n) ____, which is designed for their small screens and limited computing power.
 (A) e-viewer (B) mobile application (C) TLS (D) microbrowser

31. A(n) ____ is a collection of every action that users make as they move through a Web site.
 (A) data trail (B) click stream (C) meta file (D) spider

32. A(n) ____ is a segment of memory or storage, such as the disk in the accompanying figure, in which items are placed while waiting to be transferred from

臺灣綜合大學系統 107 學年度學士班轉學生聯合招生考試試題

科目名稱	計算機概論	類組代碼	A12
		科目碼	A1201

※本項考試依簡章規定各考科均「不可以」使用計算機

本科試題共計 7 頁

an input device or to an output device.

(A) index (B) processor (C) buffer (D) throttle

33. _____ is a communications technology used by some outgoing mail servers.

(A) SMTP (B) POP (C) WAP (D) HTTPS

34. Printer _____ is measured by the number of dots per inch a printer can print.

(A) resolution (B) aggregation (C) pixel (D) speed

35. The developer of a relational database refers to a field as a(n) _____.

(A) query (B) key (C) record (D) attribute

36. A _____, which is contained on an integrated circuit, can act as an electronic switch that opens or closes the circuit for electrical charges.

(A) switcher (B) transistor (C) chip (D) resistor

37. _____ is the practice of sharing or pooling computing resources, such as servers and storage devices.

(A) Virtualization (B) Encryption (C) Appliance (D) Validation

38. One gigahertz (GHz) equals one _____ ticks of the system clock per second.

(A) thousand (B) million (C) billion (D) trillion

39. Because a data dictionary contains details about the data in a database, some call it _____.

(A) query data (B) metadata (C) dictionary data (D) data mart

40. The _____ phase consists of two major activities: (1) conduct a preliminary investigation and (2) perform detailed analysis.

臺灣綜合大學系統 107 學年度學士班轉學生聯合招生考試試題

科目名稱	計算機概論	類組代碼	A12
		科目碼	A1201

※本項考試依簡章規定各考科均「不可以」使用計算機 本科試題共計 7 頁

(A) system definition (B) system maintenance (C) system design (D) system analysis

41. ____ consists of electronic components that store instructions waiting to be executed by the processor, data needed by those instructions, and the results of processed data (information).

(A) Memory (B) Concatenation (C) Dynamism (D) Hard drive

42. ____ consists of running the old system alongside the new system for a specified time.

(A) Pilot conversion (B) Direct conversion (C) Parallel conversion (D) Phased conversion

43. With ____ printing, a computer or other device transmits output to a printer via radio waves.

(A) RF (B) Bluetooth (C) mobile (D) infrared

44. More complex DBMSs maintain a(n) ____, which is a listing of activities that change the contents of a database.

(A) roster (B) log (C) backup plan (D) isolation utility

45. An important measure of LCD monitors is the ____ time, which is the time in milliseconds (ms) that it takes to turn a pixel on or off.

(A) pitch (B) response (C) clock (D) pixel

46. ____ servers pack a complete computer server, such as a Web server or network server, on a single card.

(A) Blade (B) Grid (C) Integrated (D) Ultrathin

47. Some databases are called ____ databases because they combine features of the relational and object-oriented data models.

臺灣綜合大學系統 107 學年度學士班轉學生聯合招生考試試題

科目名稱	計算機概論	類組代碼	A12
		科目碼	A1201

※本項考試依簡章規定各考科均「不可以」使用計算機

本科試題共計 7 頁

(A) distributed (B) dynamic (C) NoSQL (D) relational

48. System software, such as _____ and _____, consists of the programs that control or maintain the operations of a computer and its devices.

- (A) operating systems, utility programs (B) Web browsers, application software
(C) application software, utility programs (D) operating systems, Web browsers

49. The advantage of a prototype is that _____.

- (A) users always view the prototype as an initial system, which is the result of an extensive analysis
(B) users can work with the system before it is completed — to make sure it meets their needs
(C) it always has adequate documentation (D) all of the above

50. The _____ is the core of an operating system that maintains the computer's clock, starts applications, and assigns the computer's resources, such as devices, programs, data, and information.

- (A) grid (B) nexus (C) cell (D) kernel