

國立臺北大學 106 學年度碩士班一般入學考試試題

系（所）組別：電機工程學系乙組(電腦工程組)

科目：計算機概論 B

第 1 頁 共 2 頁

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- No calculator or computer is required for this test.
- 20 questions
- Each question 5 points
- Total points: $20 \times 5 = 100$

1. Which of the following is a CPU scheduling algorithm that gives priority to the process with the smallest estimated remaining run time?
A) shortest-job-next
B) first-come, first-served
C) time slice
D) round robin
2. Which of the following describes a reference made to an actual location in main memory?
A) single contiguous
B) logical address
C) physical address
D) partition
3. Which of the following best describes a partitioning approach in which a new partition is created to accommodate a new process?
A) dynamic partitions
B) fixed partitions
C) both A and B
D) neither A or B
4. Which of the following is used to perform a calculation in a spreadsheet?
A) what-if
B) range
C) formula
D) cell
5. Which of the following represents a single cell in a spreadsheet?
A) G14..H27
B) J24
C) A3..A7
D) =J24/J23
6. Which of the following is a common database language?
A) SQL
B) key
C) field
D) query
7. Which of the following is a generic term used for any device on a network?
A) modem
B) gateway
C) node
D) router
8. In which of the following LAN configurations do all nodes share a single communication line that carries messages in both directions?
A) bus topology
B) ring topology
C) gateway topology
D) star topology
9. Which of the following is the term used to describe a machine and software that protects a network from inappropriate access?
A) backbone
B) firewall
C) bandwidth
D) packet switching
10. Which of the following terms is synonymous with the term data transfer rate?
A) backbone
B) firewall
C) bandwidth
D) packet switching

試題隨卷繳交

接背面

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第 2 頁 共 2 頁

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11. Which of the following is an IP program that can be used to test whether a particular network computer is active and reachable?
 - A) ping
 - B) telnet
 - C) port
 - D) TCP/IP
12. Which of the following would correspond to an organization, such as a university or company?
 - A) IP address
 - B) domain name
 - C) top-level domain
 - D) MIME type
13. Which of these websites is not an e-commerce website?
 - A) shopping.pchome.com.tw
 - B) www.momoshop.com.tw
 - C) www.amazon.com
 - D) www.CNN.com
14. What is the act of determining which process in the ready state should be moved to the running state?
 - A) Virtual machine
 - B) Booting
 - C) CPU Scheduling
 - D) Formatting
15. What is system software that manages computer hardware and software resources and provides common services for computer programs?
 - A) Operating system
 - B) Information system
 - C) Network system
 - D) Programming system
16. What is a set of rules that define how data is formatted and processed on a network called?
 - A) Server
 - B) Protocol
 - C) LAN
 - D) Firewall
17. What is a software application that allows the user to organize and analyze data using a grid of labeled cells?
 - A) Spreadsheet
 - B) Cellular phone
 - C) e-commerce
 - D) Artificial Intelligence
18. Which one is not an Operating System?
 - A) Google Chrome OS
 - B) Linux OS
 - C) Mac OS
 - D) Safari OS
19. What is the software that helps the user organize and analyze data?
 - A) Operating system
 - B) Information system
 - C) Network system
 - D) Programming system
20. Which of these tasks can be done using spreadsheets?
 - A) Maintain student grades
 - B) Track project activities and schedules
 - C) Record and summarize travel expenses
 - D) All above

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