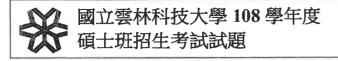


一、 選擇題: (15 題, 每題 2 分, 共 30 分)

系所: 資管系

科目:計算機概論(3)

1.	Which of the fo	ollowing has the fa	stest transfer rate?	
	a. T3	b. ATM	c. Fractional T1	d. FTTP
2.	surrounded by	-	able consists of a siners: an insulating mater coating?	
	a. coaxial	b. integrated	c. twisted-pair	d. Fiber-optic
3.		ollowing technolog ransactions on the	gy, mainly we want to e Internet?	ensure the security
	a. SET	b. SMTP	c. VoIP	d. WAP
4.	Which of the for payments?	ollowing is most lik	ely to be used for mo	bile phone
	a. Token ring	b. Bluetooth	c. IrDA	d. NFC
5.		ollowing is a cache the accompanying	e separate from the p g figure?	rocessor chip on the
	a. L1 cache	b. L2 cache	c. L3 cache	d. L4 cache
6.		_	ned on an integrated or closes the circuit for c. capacitor	
7	Which of the for		advantage of SSDs of b. lighter weigh	
	c. more durab		d. higher storag	
8.	Which of the forbackup?	ollowing kinds of t	oackup is another nar	ne for a selective
	a. incremental	b. archival	c. partial	d. continuous
9.	CAM and MRP a. human reso c. manufacturi	ources	nformation systems u b. engineering d. sales	sed in



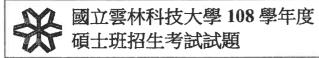
系所: 資管系

科目:計算機概論(3)

<ol><li>Which of the following best d</li></ol>	escribes the role of a CRM specialist?
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- a. Directs and implements an organization's use of Internet and social media marketing.
- b. Writes and develops web content and layouts so that they will appear at the beginning of search results.
- c. Integrates apps and data to provide an application that manages a company's relationships with customers.
- d. Plans and designs software and apps that consider a user's

reaction to a program an	id its interface.
devices, that person is said a. Technological neurosis	to suffer from what condition?  b. Technology overload  d. Technological interference
-	describes the term, the Internet of Things?  ogical capabilities from multiple devices into
using sensors. c. The network of devices a	evices to transmit data to and from the Internet and computers that connect to the cloud.  Indicate information and data on the web.
technologies that overlap.	e trend of computers and devices with  : patibility c. merging d. convergence
	elops AI-based machines and programs. c. intelligence d. systems
15. On networks that use TCP as why traffic is flowing slo	/IP, software can detect problems, such
a. data tracking	b. speed monitoring
c. information routing	d. packet sniffing



系所:資管系

科目:計算機概論(3)

二、配合題: (10題, 每題 2分, 共 20分)

a. TCP/IP	b. Ethernet
c. cyberbullying	d. phishing
e. curation website	f. laaS
g. bot	h. Zombie
i. bloatware	j. payload

- ( )1. Compromised computer or device whose owner is unaware the computer or device is being controlled remotely by an outsider.
- ( )2. Program that performs a repetitive task on a network.
- ( )3. The use of software to emulate hardware capabilities, enabling computers to scale, or adjust up or down, storage, processing power, or bandwidth as needed.
- ( )4. network protocol that defines how messages are routed from one end of a network to the other, ensuring the data arrives correctly
- ( )5. network standard that specifies no computer or device on the network should control when data can be transmitted
- ( )6. additional programs and apps included with operating systems, usually for profit
- ( )7. harassment, often involving teens and preteens, using technology
- ( )8. destructive event or prank a virus was created to deliver
- ( )9. scam in which a perpetrator sends an official looking email message that attempts to obtain personal and/or financial information
- ( )10. website or web app that allows users to collect or compile content from a variety of websites about a particular topic or theme

## 三、問答題: (5題, 共50分)

- 1. 請將十進位數字 79 分別以
  - (a) 二進位表示 (3%)
  - (b) 十六進位表示 (3%)
  - (c) 八進位表示 (4%)
- 2. 請將算術運算式 A \* ((B (C + D)) / E) 轉換成(a)前序表示法 (b)後序表示 法。(10%)



## 國立雲林科技大學 108 學年度 碩士班招生考試試題

系所:資管系

科目:計算機概論(3)

3. 透過雜湊法的雜湊函數計算儲存位址時,有可能發生碰撞(collision),請說明處理碰撞的方法。(10分)

- 4. (a)請說明二元搜尋樹(binary search tree)的結構與特性 (b)請說明在二元搜尋樹中搜尋一筆資料的時間複雜度是多少? (10分)
- 5. 關於關聯式資料庫系統,請分別解釋下列五個名詞:Relation, Attribute, Tuple, Normalization, SQL Injection.(10分)