(102)輔仁大學碩士班招生考試試題

考試日期:102年3月8日第 ン 節

本試題共 3 頁 (本頁為第 / 頁)

科目: 計算术袋积洁命

系所組:為資氣應為通到

Multiple Choice	(單選題)	: (75%)
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	1.	computer. a. motherboard	c.	s and carries out the basic instructions that operate the processor					
		b. control unit	d.	arithmetic unit					
	2.	A computing phrase — known as — points out that the accuracy of a computer's output depends on the accuracy of the input.							
		a. what you see is what you getb. garbage in, garbage out		nothing ventured, nothing gained better safe than sorry					
	3.		the	computer automatically can configure adapter cards					
		a. concatenationb. peripherals	c.	daisy chaining Plug and Play					
	4.	Data identifies the quality of data in a dat							
		a. resolutionb. access		dimensionality integrity					
	5.	Popular data models in use today include all of							
		a. relationalb. hierarchical		object-oriented multidimensional					
	6.	Compared with relational databases, object-oriental can store more types of data b. access data faster	c.	d databases allow programmers to reuse objects all of the above					
	7.	With a(n), users interact with the softward a. GUI b. DUI	c.	ng text, graphics, and visual images such as icons. HUI BUI					
	8.	Two categories of software are a. operating system and system software b. system software and utility programs c. utility programs and operating systems d. system software and application software							
	9.	are the fastest, most powerful computersa. Desktop computersb. Notebook computers	c.	nd the most expensive. Midrange servers Supercomputers					
	10.	A(n) is a system that attempts to imitate ta. human webnet b. online matrix	the b	• •					
	11.	is a technology that provides high-speed a. DSL b. ISP	c.	met connection using regular copper telephone lines. CMOS OSP					
	12.	A(n) provider is a business that provides for a fee.	indi	viduals and companies access to the Internet for free or					
		a. serviceb. access		host e-mail					
ŀ									

※ 注意:1.考生須在「彌封答案卷」上作答。

2.本試題紙空白部份可當稿紙使用。

3.考生於作答時可否使用計算機、法典、字典或其他資料或工具,以簡章之規定為準。

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考試日期:102年3月8日第ン節

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科目:計算指数积%篇

系所組:然資券應級發電

 13.	A(n) is a program that extends the capability	
	··· FJ	rebrowser publisher
14.	occurs when one consumer sells directly to a a. Consumer-to-business (C2B) e-commerce b. Business-to-consumer (B2C) e-commerce c. Consumer-to-consumer (C2C) e-commerce d. Business-to-business (B2B) e-commerce	nother consumer, such as in an online auction.
 15.	VoIP a. uses a slow speed dial-up connection b. uses the public switched telephone network c. also is called Internet telephony d. all of the above	
 16.	is the most common type of volatile memory a. ROM c. b. Flash memory d.	G3 40 G
 17.	assigns the computer's resources, such as devices, a. cell c.	naintains the computer's clock, starts applications, and programs, data, and information. nexus kernel
 18.	a. boot c.	alled the, which check the various system apter cards, RAM chips, mouse, keyboard, and drives. POST UNIX
 19.	a. wi-spot c.	et connections to mobile computers and other devices. quick spot hot spot
 20.	For best performance of a communications channel. a. bandwidth and latency should be low c. b. bandwidth should be low and latency high d.	bandwidth should be high and latency low
 21.	sometimes is called the a. broadband c.	
 22.	a. Latency c.	e location to another on a network. Frequency Delay register
 23.	Fiber-optic cables have all of the following advanta. lower costs and easier installation and modifies the faster data transmission and smaller size conceptible to noise from other devices do better security for signals during transmission	cation

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考試日期:102年3月8日第乙

3 本試題共 頁 (本頁為第 頁)

科目:計算機稅論

系所組:於資条應終預到王

 24.	A(n)	digit is a	a number(s)	or character(s)	that i	s appended to	or inserted	into a p	orimary	key f	field.
	a che	ck			C	incertion					

b. index

integer

25. is a process designed to ensure the data within the relations (tables) contains the least amount of

a. Concatenation

c. Dithering

b. Rasterization

d. Normalization

Short Essay Question (簡答題): (25%)

- 1. 請說明資料庫管理系統能解決傳統的檔案處理系統哪兩大缺點? (4%)
- 2. 請分別說明network topology有哪些種類,並說明其優缺點? (6%)
- 3. 請分別說明freeware和open source有何不同?(2%)
- 4. 請分別說明worm, Trojan horse有何不同? (4%)
- 5. 請說明何謂client/server architecture, peer-to-peer? (4%)
- 6. 請說明什麼是RFID, 並舉一例在生活中應用的例子 (3%)
- 7. 請說明什麼是cloud computing, 並舉一例在生活中應用的例子 (2%)

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