靜宜大學97學年度碩士班招生考試試題 3. 历组

系所:資訊碩士在職專班 科目:計算機概論

共4頁

查、選擇題: (40%) 說明:這部分共有 20 題,每題 2 分,答錯不倒扣。 1. A running program is called a, which reside it main memory during execution.								
l.	(1) process	(2) procedure	(3) flow	(4) job				
2.	In extended ASCII, a	of the bit pa	attern for regular ASCI	I code.				
	(1) 1 bit is added to the	right	(2) 0 bit is added to the right					
	(3) 0 bit is added to the	left	(4) 1 bit is added to the left					
3.	Where is the cache memory placed in a computer?							
	(1) between disk and C	D-ROM	(2) between CPU registers and ALU					
	(3) between CPU and n	nain memory	(4) between printer a	and disk				
4.	Which representation modern computers?	nethod for signed integer	rs is the most popular of	ne used by current				
	(1) sign-and-magnitude	(2) l's complement	(3) 2's complement	(4) none of the above				
5.	5 is a situation in which a process is unable to execute due to there is too man restrictions on resources allocation.							
	(1) starvation		(3) deadlock	(4) waiting				
6.	A bitmap image is divid	led into a matrix of						
	(1) pixels	(2) objects	(3) nodes	(4) points				
7. is the smallest unit of data that can be stored and accessed in a compu								
	(1) byte	(2) record	(3) bit	(4) nibble				
8.	is a meth	od of allocating fixed tir	me slots to processes ru	nning on a computer such				
			nat all of the processes are running simultaneously.					
	(1) time-consuming	(2) time-slicing	(3) time-ticking	(4) segmentation				
9.	Which one is not an op	tical storage device?						
	(1) DVD-RAM	(2) CD-ROM	(3) Disk	(4) CD-RW				
10.	Which one is not a gene	eral-purpose computer?						
	(1) a desktop PC		(2) a notebook PC					
	(3) a computer embedd	ed in ATM machine	(4) a blade server					

11. Among these wireless technologies, the speed of Bluetooth is (1) 11 Mbps (2) 54 Mbps					
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	1				
(3) 1 Mbps (4) 384 Kbps					
12. A is a set of rules design to facilitate communication. In both human and compute	r				
interaction, they are essential.					
(1) grammar (2) protocol					
(3) user interface (4) system software	,Ł				
13. The ISO/OSI reference model has layers.					
(1) six	-				
(3) eight (4) nine	,				
14. What is the standard port number for HTTP?					
(2) 21					
(3) 50					
15. What Internet protocol is used to dynamically assign IP address					
(1) TCP (2) DHCP					
(3) HTTP (4) DNS					
16. Which of the following is an example of a URL?					
(1) www.pu.edu.tw (2) 140.128.5.2					
(3) HTTP (4) 111011101011110101111101					
17. Which of the following is not an Internet-related protocol?					
(1) HTTP (2) HTML					
(3) TCP (4) FTP	• • •				
18. Which of the following is not a valid DBMS?					
(1) SQL server (2) Oracle					
(3) C++					
A queue implements a FIFO storage method. Here, FIFO is an acronym for:					
(1) first in, first out (2) first in, first order	•				
(3) first in, final out (4) first in, final order					
20. A(n) is a data structure that consists of contiguous memory locations.					
(1) Array (2) Stack					
(3) Queue (4) All of the above					

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: 1.	A small OS program called, which gets the program into memory for
	execution.
2.	There are four necessary conditions for deadlock:, resource holding, no
:	preemption, and circular waiting.
3.	In the von Neumann model, the ALU subsystem performs and logical
	operations.
4.	The term "MP3" stands for MPEG-1 Layer-3.
5.	In IEEE-754, a floating point number comprises 3 parts: sign,, and mantissa.
6.	In computers with Von Neumann architecture, a CPU comprises 3 parts: registers, ALU, and unit.
7.	In visual programming and design tools, the concept of "WYSIWYG" is emphasized. The term "WYSIWYG" stands for What You See is What You
8.	A software tool called is used for accessing hypermedia contents on the Internet.
	In ISO/OSI reference model, the transport layer is responsible for a guaranteed delivery of data.
9.	
 	It uses data units called
10.	One way of classifying networks is in terms of the proximity and size of the network. A(n) is a relatively small number of computers connected together in close
	proximity, usually within a building.
11.	Every physical device connected to a network must have a card.
12.	The most popular LAN technology is, and token ring is another LAN technology.
13.	is the protocol for sending and receiving data on the Web.

14.	A _		is a collection of logically related information used in an application to						
	стеа	create meaningful output for the end user.							
•							• •		
15.	A _		is a memor	y cell that point	s to another memory	y cell location	1. '	. · · · ·	
						t			
參、	簡名	計算題: (30 ¹	%) 說明: 這部	F 分共有 6 題 ·	毎題5分,答錯不 ・たた R bit alloce	·倒扣。 ation 的格式·	· 思 1111116)O • :	
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			为19785 比數的十進位值為 (2%)						
	(b)			大,存在 16-bit	allocation 的格式是	<u> </u>	(3%	6)	
				•		•			
2.					ne that the numbers		16-bit 2's		
	com	plement repr	esentation. Show	w the result in h	exadecimal notation	1.			
	x 71	2A + x9F00				•			
3.			Java packages						
	, ,	Swing	(2%)					•	
	(b)	Xerces		,		•			
•	(c)	SQL	(1%)		• .	in story	•		
4.	List	three LAN to	pologies.			COSOUR CE	្តា លោកន		
:			· •		1 10				
5.	Wh	at are the first	three layers of	ISO/OSI refere	nce model?	Strong Grand		•	
6.	List	three tools to	design WWW	pages.					
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