大同大學 101 學年度轉學入學考試試題

	考試科目:計算機概	1	小: 資訊工	程學系	第 1/2 頁
r 1	註:本次考試 <u>不可以</u> 參 單選題(每題2分)	考自己的書籍及筆言	己; 不可	以使用字典;	不可以使用計算器。
	Which of the following terms be	st describes circuit bo computer hardware	1200	ards, and disk o	Irives? D. stored memory
2.	A compiler translates what lang A. machine language into ass C. high-level language into as	uage to what languag embly language	e? B. high-le	evel language in	nto machine language
3.	Which of the following is a popular. A. Hertz B. Pentium 4		The second secon	D. Modem	
4.	Which of the following is a unit A. Hertz B. Pentium 4	of frequency? C. cycles per secon	nd	D. modem	
5.	Which of the following is a devie A. Hertz B. Pentium 4	The state of the s		ct to the Intern D. modem	et?
6.	The prefix nano refers to which A. 10 ⁻¹² B. 10 ⁻⁹	power of ten? C. 10 ⁻⁶		D. 10 ⁻³	
7.	The prefix micro refers to which A. 10 ⁻¹² B. 10 ⁻⁹	power of ten? C. 10 ⁻⁶		D. 10 ⁻³	
8.	The prefix mega refers to which A. 2 ¹⁰ B. 2 ²⁰	C. 2 ³⁰		D. 2 ⁴⁰	
9.	The prefix giga refers to which page 10 B. 2 ²⁰	power of two? C. 2 ³⁰		D. 2 ⁴⁰	
10	A. input device B. read	chitecture is best chara d only memory			lowing? D. stored-program concept
11	Which of the following manage A. control unit B. arith		*	orage device	D. random access memory
12	2. Which of the following constru A. assignment B.		a variable? C. repetition		D. selection
13	 Which of the following is volated. A. compact disk B. 	tile? auxiliary storage C	c. random ac	cess memory	D. random access memory
		pseudocode C	c. problem sp	ecification	D. problem analysis
15	A. assignment B.		te one action c. selection (i	The Paris of the P	ns) or another? D. selection (if-then-else)
		repetition C	c. selection (i	f-then)	D. selection (if-then-else)
17	 Which of the following describes A. semantics B. 	10 Table 10	7/1	special words uing language	sed to construct a program? D. program statement
18	 Which of the following describes A. semantics B. 	the state of the s	ructions writ	ten to perform a	D. problem specification
19	 Which language is actually ex A. high-level language B. 	ecuted by the central assembly language			ter?). virtual language
		assembly language	C. machi). virtual language
		tes a high-level langua interpreter	age program C. parad		ode?). compiler
22	 What does a loader do? A. loads a machine language C. loads one instruction into t 			an assembly la one operand int	nguage program into memory to memory
23	 Which of the following translated A. procedure B.	ites and executes prog interpreter	gram stateme C.Byteco		e?). compiler

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	考試科目:計算機概論	命 所別:	資訊工程學系 machine?	第 2/2 頁					
24.	Which of the following is execut A. procedure	ed by the Java Virtual B. pseudocode	machine? C.Bytecode	M 見 > D. algorithm					
25.	Which of the following produces A. control structure	s in a true or false resu B. declaration	It? C. data type	D. Boolean expression					
26.	Which of the following is the about A. argument	ility for a subprogram to B. parameter	o call itself? C. recursion	D. nested logic					
27.	Which of the following is a lange A. encapsulation	uage feature that enfor B. inheritance	ces information hiding? C. polymorphism	D. instantiation					
28.	Which of the following allows or A. encapsulation	ne class to be derived to B. inheritance	from another? C. polymorphism	D. instantiation					
29.	C and Pascal belong to which language paradigm? A. imperative (or procedural) B. functional C. logic		D. object-oriented						
30.	C# and Java belong to which la A. imperative (or procedural)		C. logic	D. object-oriented					
31.	Which of the following is a gene A. Modem	eric term used for any on B. gateway	device on a network? C. node	D. router					
32.	2. 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. star topology	D. metropolitan topology					
33.	In which of the following LAN co A. bus topology	onfigurations is there a B. ring topology	center node to which a C. star topology	all others are connected? D. metropolitan topology					
34.	Which of the following is a suite A. ping	of protocols and prog B. telnet	rams that support low-le	evel network communication? D. SMTP					
35.	D Which of the following is a high. A. ping	gh-level protocol used B. telnet	to specify the transfer of C. TCP/IP	of electronic mail? D. SMTP					
36.	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. TCP/IP	D. SMTP					
37.	Which of the following is made A. IP address	up of four decimal num B. domain name	bers separated by dots C. MIME type	D. hostname					
38.	Which of the following would correspond to an organization, such as a university or company? A. IP address B. domain name C. MIME type D. hostname								
39.	Which of the following indicates the format of a file attached to an email message? A. IP address B. domain name C. MIME type D. hostname								
40.	Which of the following describe separately to the destination? A. backbone	s the process of dividir B. firewall	ng a message into sma C. bandwidth	Il pieces and sending those pieces					
II =	十算題 (每題 2 分)	D. III EWall	C. Dariawiatii	D. packet switching					
	41. Convert the following decimal number to binary: 2507								
	Convert the following decimal number to hexadecimal: 2507								
	Convert the following hexadecimal number to 8-bit two's-complement: -42								
	Perform the following hexadecimal addition: CBA + ABC								
	Perform the following hexadecimal subtraction: CBA - ABC								
III. 問答題 (每題 5 分)									
	Draw the block diagram of the von Neumann architecture.								
	Draw the following three network topologies: rign, bus, and star, and also discuss their disadvantages.								
	. Draw the following three hetwork topologies. Figh, bus, and star, and also discuss their disadvantages.								