more manageable pièces.

Introduction to Computer Science

Final Test

A. Fill	in the blanks in each of the following. (20%)	f) Format settings that stay in effect until they are changed. g) A convenient control statement for performing counter-
a.	Every C++ program begins execution at the function	controlled repetition. Logical AND.
b.	A = 1 begins the body of every function and a $A = 1$	i) Logical OR. j) Specifies the field width in which the next value output
0.	ends the body.	should appear.
c.	Every C++ statement ends with a(n)	An optional part of a switch statement.
d.	The escape sequence \n represents the \tau character,	Can be used to create a temporary floating-point copy of
	which causes the cursor to position to the beginning of	its operand.
	the next line on the screen.	m) Control structure that is used to choose among
e.	The \bigcirc statement is used to make decisions.	alternative courses of action.
f.	All programs can be written in terms of three types of	n) Addition assignment operator.
	control structures y extra Eguerand veretition	o) Conditional operator.
g.	The \(\frac{1}{2} \) eselection statement is used to execute one action when a condition is true or a different action	p) Control structure that allows programmers to specify an
	when that condition is false.	action to be repeated while some condition is true.
h.	Repeating a set of instructions a specific number of	g) Control structure that causes statements to execute in
11.	times is called repetition.	the order in which they appear. A data type for storing floating-point values.
i.	When it is not known in advance how many times a set	s) Increment operator.
	of statements will be repeated, a(n) - value can be	t) Special value which indicates the end of data entry.
	used to terminate the repetition.	by Special value which indicates the old of data oldry.
j.	A key program component in C++ is called hold	C. Write a C++ statement or a set of C++ statements
k.	A function is invoked with $a(n) = \frac{1}{(n)^n} \frac{1}{($	to accomplish each of the following: (10%)
1.	A variable that is known only within the function in	Qq-1+ W-12 as=12.
	which it's defined is called a(n) variable.	a. Sum the odd integers between 1 and 99 using a for \mathfrak{D} .
m.	The statement in a called function passes the value of	statement. Please declare the integer variables sum and
	an expression back to the calling function.	count in the for statement.
n.	The keyword is used in a function header to indicate that a function does not return a value or to	b. Calculate the value of 2.5 raised to the power 3 using
	indicate that a function contains no parameters.	function pow. Print the result with a precision of 2 in a
0)	An identifier's <u>CW</u> is the portion of the program in	field width of 10 positions.
9	which the identifier can be used.	c. Determine whether the value of the variable <i>count</i> is
p.	A(n) allows the compiler to check the number,	greater than 10. If it is, print "Count is greater than 10"
	types and order of the arguments passed to a function.	else print "Count is less than 10." Use conditional
q.	Function Yav dis used to produce random numbers.	operator to finish the statement.
r.	Function is used to set the random number seed to	
	randomize a program.	d. Print the integers from 1 to 20 using a while loop and
		the counter variable x. Assume that the variable x has
	tch: For each term, write the corresponding	been declared, but not initialized. Print only 5 integers per line. [Hint: When x % 5 is 0, print a newline
	er for the description that best matches it from	character; otherwise, print a tab character.]
bel	ow. (20%)	
1	P) Divide-and-conquer 2. K default case	e. Repeat question d. by using a for statement.
3.	Divide-and-conquer 2. A default case Function call 4. Repetition	
	h break 6. J setw	Now hand in the answer sheet, and get the second
7.	d continue 8. D Header file	part of the questions. But before doing that enjoy the
9. 7	Sticky settings 10. % for	
11.	h && 12. % Sequence	followings.
13.	14. Sentinel	左连具件与如服
15	<u>Y</u> double 16. <u>5</u> ++	年度最佳鳥新聞 1、三人花20萬人民幣,造出17萬假鈔被警查獲。
17	static_cast< double > 18 Selection	2、英國馬拉松,只一人完成比赛,第二名帶著其他五千人跑錯路。
19	<u>\(\) += 20. \(\) ?:</u>	3、在曹操墓發現一具小孩屍骨,專家說,是小時候的曹操。
		4、一名韓國MERS女患者從隔離區逃跑,韓國警方根據其外貌一日竟抓
	nuses immediate exit from a repetition statement.	捕了500人。
/	ontains function prototypes and definitions of various	5、一張姓男子偷竊倉庫價值5萬元飲料,連夜將瓶中飲料倒掉,將空瓶賣7200多元。
	ta types. vokes a function.	6、小偷入室偷竊,因怕有脚步聲,脱下鞋子,但脚太臭把屋主薰醒。
	rips to the next iteration in a repetition statement.	7、女子考駕照13年未通過,駕訓班全额退款,並請她吃飯。
	schnique for constructing a program from smaller.	