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US	L				06CCP13/23					
First / Second Semester B.E. Degree Examination, June-July 2009										
Computer Concepts and 'C' Programming										
Ti	Time: 3 hrs. Max. Marks:100									
Note: 1. Answer any Five full question, choosing at least two from each part. 2. Answer all objectives type questions only in OMR sheet page 5 of the Answer Booklet. 3. Answer to the objective type questions on sheets other than OMR will not be valued										
			PART -	THE REAL PROPERTY AND ADDRESS OF THE PERTY ADDRESS OF THE PERTY AND ADDRESS OF THE PERTY AD						
1	1 a. i) Which of the following units represent the largest amount of data?									
		::>	A) Kilo byte B) Tera byte C Which type of s/w is used for creating slide:		O) Mega byte					
		ii)		3) Presentation s	/w					
				D) Spread sheet s						
		iii)			N 11.					
					D) F1					
		iv)	Resolution is determined for							
					O) System unit. (04 Marks)					
			at are the four phases of information processing		briefly. (08 Marks)					
	C.		ine the following terms, give an example for ea	ach						
	d.	i) Exp	System software ii) Application s/w. slain how CRT displays image or text on the sci	reen.	(03 Marks) (05 Marks)					
2	a.	i)	The standard that promises to provide enclanguages A) ASCII B) Unicode C) Extended	led ASCII	D) EBCDIC					
		ii)		d off is consider) Static memory) Refreshed men						
		iii)) Small compute	er storage interface .					
		2002			er standard interface					
		iv)	Floppy disks and magnetic Disks are exampl							
) Solid state stor) Electrical stora						
	h	Wha	C) Magnetic storage D at is the difference between volatile and non-vol		age (04 Marks) (03 Marks)					
	c.									
	 c. What are the factors that affect the processing speed? Explain any two. d. With neat sketch, explain working of magnetic disk unit. 									
	d. With neat sketch, explain working of magnetic disk unit. (07 Marks)									
3	a.	i)	Acronym DOS stands for							
				ver operating sys						
 C) Disk operating system D) Diskless operating system. Windows 95 was the first version of windows support which standard for connect new hardware? 										
									:::>	
		iii)	Collection of related web pages is called A) Web book B) Website C) Web	dictionary	D) Search Engine					
		iv)			D) Scarch Engine					
		11)	A) Client B) Program C) Netv		D) Backbone (04 Marks)					
	b.	Wha	at are the primary functions of operating system		(02 Marks)					
			1 of 3							

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c. What are the various hardwares used in computer Network? Also give their functions.
                                                                                   (10 Marks)
    Differentiate between LAN and WAN.
                                                                                    (04 Marks)
          What does the oval sign represent in a flow chart?
a.
    i)
                              B) Decision
                                                              D) None of the above
          A) Start / End
                                              C) Process
    ii)
          Which character marks the end of each stastement in C?
          A) ;
                              B):
                                              C) }
                                                               D) {
         To find out the remainder after dividing the number by other number, the operator is
          A) /
                                               C) %
                                                               D) ÷
         int main ()
          \{ int I = 5; 
            print f ( " %d %d %d", i ++, i, ++i);
            return 0;
          The output is
          A) 567
                             B) 556
                                             C) 667
                                                              D) 666
                                                                                   (04 Marks)
b. Draw a neat flow chart to exchange two numbers without using a temporary variable.
                                                                                    (05 Marks)
c. What do you mean by mixed mode operation? Explain with an example.
                                                                                   (06 Marks)
d. Evaluate the following expressions independent to each other, the declaration and
    initialization is as follows: int i = 3, j = 4, k = 2;
         i ++ - j - - ii) ++k % - - j
                                        iii) j + 1/i - 1 iv) j + +/i - -
                                                                          v) ++ i/++ j+1.
                                                                                    (05 Marks)
                                            PART - B
          In which of the following header the function getchar () exist?
a. i)
          A) iostream . h
                                 B) stdio . h
                                                 C) Function . h
                                                                      D) getchar . h
    ii)
          Which of the following command will place the program control out of the loop when
          it gets executed
                                  B) break
                                                 C) Continue
                                                                      D) end
          A) goto
        In the following program segment S2 will be executed:
          if(a>b)
           if(b>c)
             S1;
          else
             S2;
          if
          A) b > c
                                 B) a < = b
                                                    C) a < b
                                                                       D) a > b and b \le c
          Which command is used to skip the rest of the loop and carry on form top of the loop
                                                     C) Switch
          A) Exit
                                 B) Continue
                                                                        D) break (04 Marks)
   Write a C program to find the roots of a Qudratic equation using if statement. Print the
b.
    output neatly.
                                                                                   (10 Marks)
    With a flow chart, explain the selection process of switch statement.
                                                                                   (06 Marks)
          While ( ++ K < = n ) what is the value of K when loop completes, if initial value of K
a.
          is 1
          A) n+1
                          B) n-1
                                            C) n + 2
                                                         D) n
         The following for loop prints for (i = 1, j = 3; i < 3; i + +, j - -);
    ii)
          print f ( " %d %d", i, j);
          A) 1322
                           B) 132231
                                            C) 31
                                                          D) None of these
                                              2 of 3
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		iv) The following do-loop do { print f (" %d", c); print f ("%d", c)	n 'C' program continue o prints, for an	? C) For	D) break	unconditionally to
		} while (c); A) 2.1 B) 2	2 1 0	C) 2 2 1 0	D) 2 2 1 1.	(04 Marks)
	b. c.	Differentiate between do and Write a program to comp natural logarithm. Use the form	d while do state ute the value ollowing form	tement. of Euler's noulla. Use while	umber e, that is u	(05 Marks)
		$e = 1 + \frac{1}{1!} + \frac{1}{2!} + \dots $ upto	acc = 0.0001			(08 Marks)
	d.	With syntax, explain for loo				(03 Marks)
7	b.c.	iv) What will happen if w A) Only those elem C) Unused element What does the name of the be initialized? Give an exan	ored in ry location y location ng array defin 4, 5, 6, 7 8, 9,) a [1] [1] ve initialize too ents will have will be set to array signify? uple for each. d the product	ition. The add, 10, 11, 12} C) a [3] [1 o few element initialized va zero What are the of two matri	B) Data type D) Run – time B) Direct men D) Sequential dress of an element D) None of the s of an array? lues B) Compilation D) None of the de different stages in	nory location memory location nt 6 in the array is ese on error ne above (04 Marks) n which arrays can (06 Marks) ne compatability of
8	a.b.c.d.	and cannot be confidence of the program the program. iv) A variable declared in A) Actual variable. What is the need for user-user-defined function.	B) Has no a B) user definitized B) is in the hanged at run D) Same as the hanged at function is B) Formal with the hanged function is the hanged function in the hanged function is the hanged function in the hanged function in the hanged function is the hanged function in the hanged function in the hanged function is the hanged function in the	ined function initialized onc time C) Reta e automatic v called variable C) I ons? Also ex int the first n I	C) both A and B D C) Keyword e at the commence ins its value througariable. But it is pl Local variable D) plain in brief differibonacci numbers	D) None of these ement of execution ghout the execution laced at the head of Global variable (04 Marks) erent elements of a (06 Marks) (04 Marks)
	- 13	each.			to the falletion w	(06 Marks)
			3 (of 3		
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