Comprehensive Examination in BSc. Civil Engineering 2020 Subject: COMPUTER PROGRAMMING

Time Allowed: 3 hours

Max. Marks: 70

šr. No.		1	Que	stion	1		Mar	
Q. 1	Write the PRIN 1) 345.000			t the followin		60E+01	04	
Q. 2	Find the binary pattern of integer number -21500. Also, from the resultant binary pattern recalculate the same integer number by signed notation.							
Q. 3	Write a Program to add two matrices of uper defined order in QBasic.						10	
Q. 4	Write a program to sort 10 randomly generated numbers (from 1 to 100) in asending order in QBasic.						10	
Q. 5	Write a Program in QBasic that first get the data of a student (Roll No., Name marks in Urdu, English and Math) and store in a file named "Data dat". Then open the same file to read the data and calculate the total, percentage and grade of the student (using criteria in bottom table) and store the complete data ((Roll No., Name marks in Urdu, English and Math, Total, Percentage and grade) in a new file named "Data2.dat".						13	
	Grade		В	С	D	.F	500	
	Marks	90	70	50	40	< 40		
							CN 100	
Q. 6	Make an application using RGB functions. Draw grachanged) and wrong the following the	ction. Use thre aphical user inte ite the coding.	re seroll bar erface, prope	s to vary the rties table (on	range of red, dy important	properties to be	08	

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