M. SC. BIOINFORMATICS SEM.-I (C.B.C.S.) (2013 COURSE) / ADVANCED DIPLOMA IN BIOINFORMATICS SEM.-I

(C.B.C.S.) (2013 COURSE): WINTER - 2017 SUBJECT: C Programming & Data Structure

Date: Day:	Wednesday 01/11/2017		W-2017-1008					Time: 10.00 AM TO 01.00 PM Max. Marks.60			
N.B.	1) 2) 3) 4) 5)	from Q.6 (ny two quanto Q.8 from both the the right	estions om sect e section indicate	from ions – ns sho e FUI	- II ould be wr LL marks.	itten in S	Section- I & any two questions and two questions of the section of			
					SEC	TION-I					
Q.1	a) b) c) d) e)	Write Short N Pre- processo Constant Keyword # include Operators and	or directiv	re	wing:				(10)		
Q.2	a)	Answer the fo	_	•		•			(10)		
	b)	Hierarchy of									
	c)	Evaluate follo a) int C= b) float c	= a/b - 2*a⊣	⊦b, int a	a=4,1	•	int f=5				
Q.3	a)	Answer the fo					nbers fro	om 2 to 100.	(10)		
	b) c)	Write definition Enlist and ex			-		S				
Q.4	a)	Answer the following (ANY TWO) Differentiate between for while & do while loop (10)						(10)			
	b) Write a program to print square of elements of user inputted number										
	c)	Write a program to print following output									
		*	*	*	*	*					
		Wher		* s of rov	ws is ı	user input					
	SECTION-II										
Q.5	a) b) c) d) e)	Writes short Functions strcmp () Nested if switch case malloc and ca		:					(10) P.T.O.		

Q.6		Answer the following: (ANY TWO)	(10)								
	a)	Write a note on storage classes									
	b)	Write a program to input an array of structures and display its content									
	c)	Explain concept of pointers with example									
Q. 7		Answer the following:	(10)								
-	a)	Explain use of following functions.	` ,								
	,	a) gets() b) puts() c) putch()									
	b)	Write a program to swap two numbers without using 3 rd variable									
	b)	write a program to swap two numbers without using 3 variable									
Q.8		Answer the following: (ANY TWO)									
	a)										
	b)	Write a note on ADT									
	c)	Write a note on Binary tree									
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		* * * *									