<u>Subject : Structured Programming Approach (SPA) First Year Engg R -2012</u> <u>Combined Contentwise and Abilitywise Blue Print</u>

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Topic No	Sub- Topic / Unit	Sub-topic Unit Title	Weight age	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6
01	No 1.1	Problem Definition	04	04 (C)	\cap		b Z	5	Ы
				76					
02	7 7	Algorithms	12	. 3					
02	2.1	Developing Algorithms	W.	U		06 (A)	06 (A)	~	V
	2.2	Efficiency of Algorithms							
03		Expressing Algorithms-	09				-0	, C	. (
	3.1	Expressions in C; Arithmetic and Boolean expressions						06 (K)	
	3.2	Use of Standard Functions		03 (K)					
	3.3	Assignment Statements							
	3.4	Input and Outputs							
4		Concept of Scalar and Data Types	05						
	4.1	Scalar Data types in C,Scope and Lifetime, type conversion			05 (C)				

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		1		1					
5		Expressing	15						
		Algorithms-							
		Iteration							
	5.1	Ordering a							
		Solution in loop							
	5.2	C-Control		03 (C)		06 (A)	06		
		Structures for		(-)		(,	(A)		
		Iteration					(* ',		
		recrution							
06		Expressing	12		in /				
00		Algorithms-	12		10 /				
		Selection			11 /				
	6.1	C-Control						06	06
	0.1								
	h 200	Structures for		- 40%	m.	_		(A)	(C)
- 4		selection			1 1	_		-	
100	1 10	JP E 1			1 1	_			-
7	41	Decomposition of Solution	23	1	\				
	7.1	Defining	10.7%				- %		7
		functions in C		100		- No.	. 7	Sept.	Total Control
	7.2	Function and		04 (C)	05 (A)				
		Parameters							
	7.3	Introduction to			1	08 (A)			06
		recursive				, ,		-	(A)
		functions							` '
8		Additional C	40						
		Data Types							
	8.1	Arrays- Single					08	08	
		and					(A)	(A)	
		Multidimesional					('')	\','	
	8.2	Strings		03 (A)					05
	0.2	- Juli 1183		03 (^)					(A)
	8.3	Structures			10(A)				(/ \/
	8.4	Files							03
									(C)
	8.5	Pointers		03 (C)					X = 1
		Total	120	20	20	20	20	20	20
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