V.P. & R.P.T.P. Science College			
T.Y. B.Sc (SEMESTER V) INTERNAL EXAMNINATION – October, 2018			
US05CCSC05 [System Analysis and Design]			
Date: 0	6-10-2018 Time: 10.00 A	M. to 12.00 Noon	Max.Marks: 50
Q-1	Multiple Choice Question:		[08]
1]	a) System Survey	b) Structured Design	
	c) Maintenance	d) System Analysis	
2]	In maintenance errors or	bugs are rectified.	
	a) Adaptive	b) Corrective	
	c) Perfective	d) None	
3]	The inputs and outputs of subsystem are known but not the actual transformation from one to the other is called		
	a) Boundary	 b) Subsystem	P. Scie
	c) Interface	d) Black box	3. 80
41	One of the example of recurring cost is		(S
	a) Salary	b) Feasibility study cost	(ELIBRARY) S
	c) Construction	d) Remodeling of computer ro	oom
5]	An output should not		V Nagal
	a) convey information	b) confirm an action d) include incomplete informe	tion
61	c) signal event	d) include incomplete informa	tion
0]	a) Interviewing	b) Questionnaires	
	c) Record inspection	d) Data input	
7]	Tool automate the prepa	aration of computer software.	
	a) Diagramming Tools	Interface Generators	
01	c) Code Generator Which of the following is considered as	d) Management Tool	
8]	a) Diagramming Tools	a limitation of CASE?	
	c) Code Generator	d) Limited Scope	
	•)		
Q - 2	Answer the following in short: (Attempt Any Five) [10]		
1]	Draw the model of business system.		
2]	List characteristics of system.		
3]	What do you mean by Structured Walk Through? List various types of it		
51	Write four objectives of output.		
6]	Explain observation in brief.		
7]	Draw the context level diagram for College Payroll System.		
8] Draw process hierarchy chart for railway reservation system.			
0.3	Explain various roles of System Analys	t	[08]
Q-3	Explain various foles of System Analys	OR	[00]
Q-3	What is SDLC? List and explain the sto	eps in 2 to 3 lines.	[08]
Q – 4	Explain Structure Analysis in detail.	0.0	[08]
0 1	What are the reasons for SSADM (or N	UK Jood of SSADMD?	[08]
Q-4	what are the reasons for SSADM (or re-	teeu of SSADivi):	[00]
O - 5	Explain basic steps in Data capture.		[08]
		OR	
Q – 5	Explain design principles and available	types of output.	[08]
0 (Define DED Symbols used in DEDs on	d Rules to be followed in DFD	[08]
Q-0	construction.	a rates to be followed in DFD	[00]
OR			
Q - 6	Define and Differentiate between Physi	cal and Logical DFDs	[08]