TKN/KS/16/5990

Bachelor of Science (B.Sc.) IT Semester-I (CBS) Examination SYSTEM ANALYSIS DESIGN Paper—III

Time—Three Hours] [Maximum Marks—50 **N.B.**:— (1) **All** questions are compulsory and carry equal marks. Draw neat and labelled diagrams wherever necessary. **EITHER** 1. (A) What is a system? Give the characteristics of a system. (B) Explain system development life cycle with well labelled diagram. OR (C) "Why system analyst plays a multifaceted role in system development". Justify it. (D) Write a note on the following Interview

1

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(ii) Prototyping.

Contd.

5

5

5

5

EITHER

2.	(A)	Explain Data flow diagram in detail.	5
	(B)	Write a note on the following	
		(i) Data dictionary	
		(ii) Input validation	5
	OR		
	(C)	What is a form ? What are the principles of fo	rm
		design.	5
	(D)	Describe the physical representation of codes.	5
	EIT	HER	
3.	(A)	What is a training? Why is it needed?	5
	(B)	Write a note on the following	
		(i) Need of change strategies	
		(ii) System test.	5
	OR		
	(C)	What is Cold Turkey method? Give its advantage	ges.
			5
	(D)	Explain need of system evaluation.	5

EITHER

4.	(A)	Write a note on the following		
		(i) Work breakdown structure		
		(ii) PERT chart	5	
	(B)	What is software quality? Give its advantages.	. 5	
	OR			
	(C)	Explain Risk Management.	5	
	(D)	Give the characteristics of software maintenance	e.	
			5	
5.	(A)	Discuss economic feasibility.	2½	
	(B)	Explain decision trees.	2½	
	(C)	Give the advantages of modular method.	21/2	
	(D)	List the advantages of software quality	2½	

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