(3 1	Hours) (Total Marks	: 80)
N.B.:		
	2. Answer any three out of remaining questions.	
	3. Assume suitable data if necessary.	
	4. Figures to the right indicate full marks.	
Q6.	Solve any four	(20)
	 a) What are different Programming Paradigms? b) List different problem domains for Prolog. c) Explain list comprehension in Haskell with suitable examples. d) Explain Storage management with suitable examples. 	
Q2.	a) Explain various data types in Haskell.	(10)
	b) Explain unification and resolution in logic programming with suitable examples.	(10)
Q3.	a) Differentiate between static and dynamic binding with example.	(10)
706	b) Write a Haskell code to find factorial of input number	(05)
	c) Explain how to use lists in prolog	(05)
	Solver Tegy, Tegy, Tigg, Tigg, Tigg,	
Q4.	a) What are parameter passing methods? Explain each with suitable examples.	(10)
97	b) Explain what are predicates, facts, rules and query in logic programming.	(10)
Q5.	a) What is exception handling? Explain what are checked and unchecked exceptions.	(10)
	b) Haskell belongs to which programming paradigms. Explain lambda calculus?	(10)
Q6.	Write short note on (Any 04)	(20)
	a) Lambda Functions	` ,
	b) Types of inheritance	
	c) List operations in Prolog.	
	d) Static v/s dynamic scoping.	
·	e) Backtracking in Logic programming	
