	(3 Hours)	otal Marks: 80
N.B.:	(1) Question No. 1 is compulsory.(2) Attempt any three questions out of remaining five questions.	
Q1.	(a) Define loader. Explain functions of loader.(b) What are different features of macro?(c) Compare compilers and interpreters.(d) Explain synthesized and inherited attributes.	(05) (05) (05) (05)
Q2.	 (a) With reference to assembler, explain the following tables with suitable explain the following tables with suitable explain the policy of the property of the given grammar. It is steps to the given grammar. Wention all the steps to the given grammar. Wention all the steps to the given grammar. The property of the given grammar. The property of the given grammar is steps. (a) With reference to assembler, explain the following tables with suitable explain the given grammar. (b) Design a predictive parser for the given grammar. Mention all the steps to the given grammar is grammar. The property of the given grammar is grammar. (c) BT (d) BT (e) BT (e) T-> FR (f) T-> FR (g) T-> FR (h) T->	xample. (10) (10)
Q3.	(a) Explain pass 1 of macro processor with flowchart.(b) What is code optimization? What are various strategies for code optimization?	(10) ation? (10)
Q4.	(a) Explain the design of the absolute loader and mention all the data structurin detail.(b) What are different types of intermediate code? Explain implementation of address code.	
Q5.	(a) Write a note on Input buffering and also explain role of lexical analyser.(b) Explain various storage allocation strategies.	(10) (10)
Q6.	Write a note on: (a) DAG (b) Lex and YACC (c) Syntax directed translation (d) Text editors	(05) (05) (05) (05)