in Q.No. 13(a).

Explain with an example.

14.a) What are the different storage allocation strategies? Explain.

b) How to identify Leaders, Basic Blocks and flow graph while doing code optimization?

[5]

[5]

15.	Give the algorithm for code generation and generate the code for the following C statements by assuming three registers. $x=1$	[10]
	x=y $x=x+1$	
	x=a+b*c $x=a/(b+c)-d*(e+f)$	
16.a)	Explain about Input buffering.	[5]
b)	Give the structure of YACC program with an example.	[5]
17.	Answer any <i>two</i> of the following:	
a)	Explain about Type Checking.	[5]
b)	Explain about heap management.	[5]
c)	What are the different issues to be considered in code generation? Explain.	[5]

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