## **POKHARA UNIVERSITY**

	Level: Bachelor Programme: BE Course: Principles of Program	Semester: Fall	Year : 2019 Full Marks: 100 Pass Marks: 45 Time : 3hrs.	
	Candidates are required to give their answers in their own words as far as practicable.			
	The figures in the margin indicate full marks.			
	Attempt all the questions.			
a)	"The complexity of programming led to the development of program design notations". If this is true explain with reference of Pseudocode.			8
b)	What are phenomenology of programming language? Explain about the "Fascination and fear are common to new tools".			7
a)				7
b)				8
a)	How the enhanced features of EBNF is efficient as compare to BNF with the help of examples.			8
b)	How ALGOL has changes the way of programming in efficient way? Explain.			7
a)	What are different searchin help of walking down diagr		plain them with the	8
b)				7
a)	"Optional variables dec programming". Justify the		in FORTRAN	7
b)	Explain Recursive interpre	ters and storage Reclama		8
a)	Explain Message Passing a			8
b)	What are different forms Explain them.	of message template i	n SMALLTALK?	7
Wa)	ite short notes on: (Any two) Assigned GOTO	)		2×5
	Block and scope			
	Lambda Expression			
d)	Contour Diagram			

3.

4.

5.

7.