- 2. Briefly explain history of Python.
- A) Python is a widely used general-purpose, highdisigned by Guida van Rossum in 1991 and ducloped by Python Software Foundation. It was mainly development for emphases on code sceadability.

The inspiration for the name came from BBC'S TV Show- Monty Python's Flying Circus, as he was a big for of the TV show and also he wanted a shout unique and slightly mysterious name for his

- 3. Explain all the operators in Python
- A) Python consuts of many operators. The following are:
 - a) Addition (+):

Adds values on the other of the operator

op: 15 Ex: a=5 b=10 prioret (a+b)

b) Substradion(-):

Substraction (-):
Subtracts slight hand operated from lift hand operand.

> Ex: a=50 D P: 35 b= 15 print (a-b)

	M	Date:
	0	Multiplication (m)
		Multiplication (*): Multiplies values on the either side of the operator.
		J xva operation
		Ex: a=10 0 P.50
		b = 5
		puint (a x b)
	(ك	Hodulus (%): Divides left hand operate by
		Hodulus (%): Divides left hand operates by elight hand operates operand and sulwins rumainder
		$En: a=50 \qquad o P:2$
		b = 4 puint (a°/2 b)
		Y
	e)	Division (1): Divides left hand operand and returns
		by right hard operand.
		Ex: a=8 0 p. 2
		b=4
j.		print (a1b)
		[x:
	£)	exponent (**): Perform a, b = 2,3 exponent (a): power point (a *- b)
į.		calculations on operators of ?: ?
	ல	Floor division (11): The
		division of operands where $\pm x : a = 50$
		division of speciands where tx: a=50 the results is the quotient b=3 in which the digits after print (@a 11b)
		the dumal point is
		unmoved. But if the no. is
		negative, at its floared.

	Date:
4,	Explain the features of Python.
A)	Python provides lots of features that are listed below:
	a) Easy to learn and use b) Expressive language. c) Interpreted language d) cuess-platforum language c) Free and open source d) Object-accepted language g) Extensible n) large Standard Library i) GVI Programming supposet j) Integrated
5. A)	Justify why python is interactive interpreted language. Python is an interpreted object-oriented perogramming language. By interpreted it means that each time a program is sun the interpreter checks through the wide for errors and then interprete the interpreter into machine-redable bytode,