GLOBAL INSTITUTE OF TECHNOLOGY

Q1	Compare Spiral Model and Incremental Model stating the similarities and differences between both models. Also write advantages and disadvantages of both models.	(3+3=6)
Q2	Compare Verification and Validation and write any six differences.	(6)
Q3	What do you Mean by FP analysis?? Compute the function points for the following data:	(3+3=6)

Information Domain Values	Numbers (count)	Weighting Factors
user inputs =	26	4
user outputs =	45	5
external inquiries =	10	4
logical files =	5	10
external interfaces =	4	7

Various processing complexity factors are: 4, 1, 0, 3, 3, 5, 4, 4, 3, 3, 2, 2, 4, 5.

Q4	Explain Basic COCOMO Model and calculate EFFORT, DURATION and PERSONS_REQUIRED for basic COCOMO if software size is given:= 56 KLOC	(3+3=6)