

Lab 4 Observation

QNo. 1

- The 5 different sets of values of α_1 and α_2 are : (4, 12) , (1, 3) , (10, 1) , (25.5, 320) and (120, 35.12) and the values of x for which f(x) attains maximum are

(α_1, α_2)	x^*	$c = f(x^*)$
(4 , 12)	0.2143	11.9091
(1 , 3)	0	12
(10 , 1)	1	10
(25.5 , 320)	0.0713	28.7144
(120 , 35.12)	0.7772	11.9091

- The Histograms of the generated sequences for different sets of values of α_1 and α_2 are:





