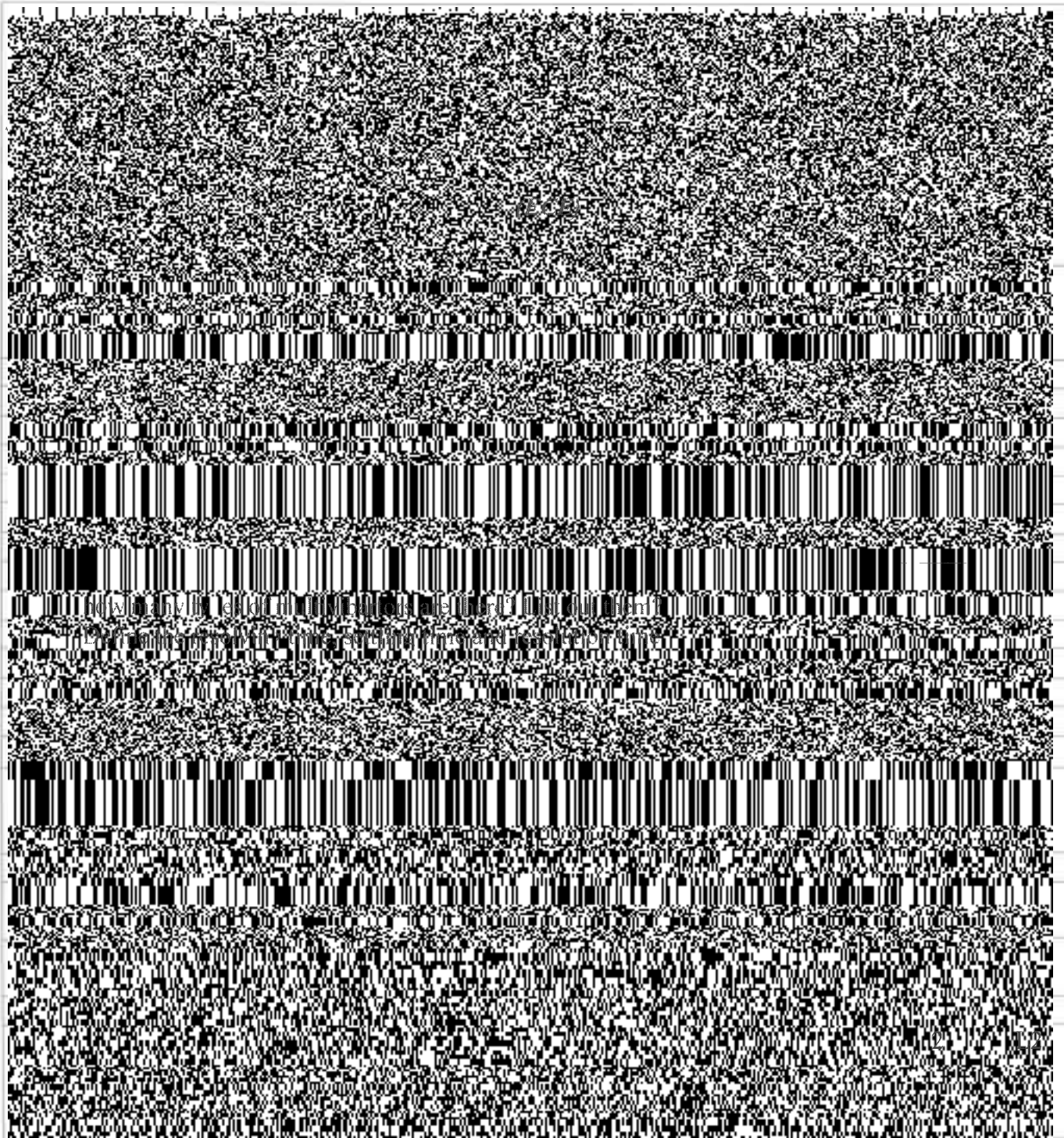
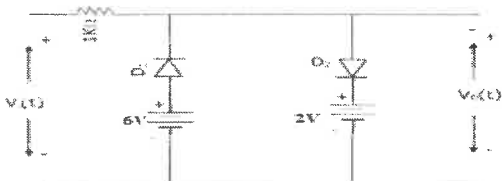




				
15	A) Write a short note on diode switching times. With neat diagram. B) Explain the methods of Linearity improvement.	5M 5M	3	L2
	OR			
16	With the help of a neat circuit diagram, explain the working of a transistor Current time base generator.	10M	3	L2
17	What is Monostable Multivibrator? Explain the principle of operation of a monostable multivibrator with the help of neat circuit diagram.	10M	4	L2
	OR			
18	A) Derive an expression for the frequency of oscillations of an Astable Multivibrator. With neat circuit diagram. B) Draw the circuit of a self-biased transistor binary.	5M 5M	4	L2
19	Describe the working of a 6-Diode sampling gate with necessary diagram & equations.	10M	5	L2
	OR			
20	Draw the circuit diagram of a positive 3 i/p NAND gate in DTL logic and explain its working.	10M	5	L2