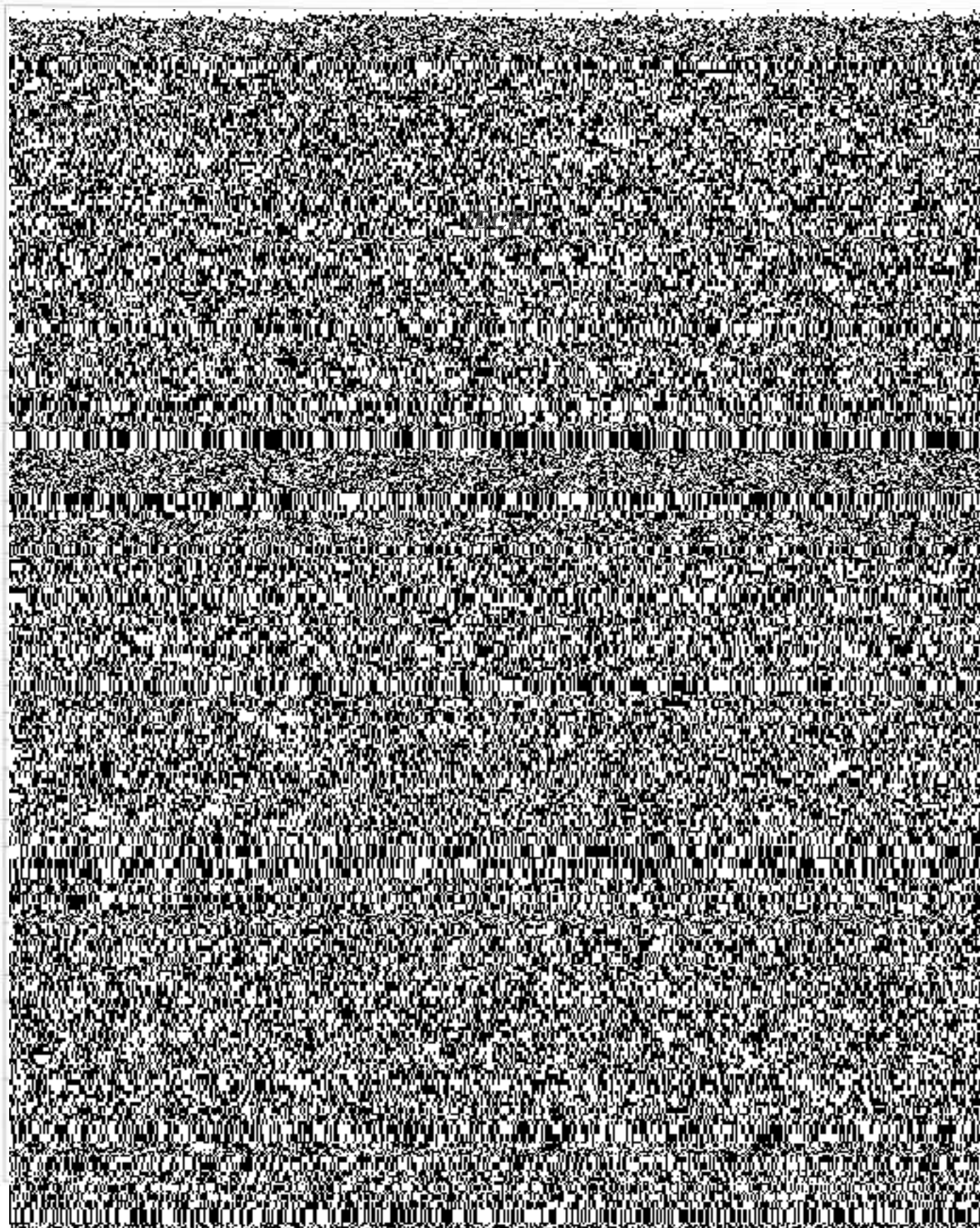




	OR			
7	a) With neat sketch explain the principle of operation of successive approximation A/D converter.	5M	CO3	2
	b) Enlist the advantages and disadvantages of dual slope ADC.	5M	CO3	3
8	a) Explain about TTL Driving CMOS and CMOS Driving TTL circuits	5M	CO4	3
	b) Design a 4-to-16-bit decoder using two 74XX ICs.	5M	CO4	3
	OR			
9	a) Design a two-bit comparator circuit and explain its operation	5M	CO4	3
	b) Design a Binary to Gray code converter and explain its procedure in detail.	5M	CO4	3
10	Explain various types of shift registers in detail.	10M	CO5	2
	OR			
11	a) With the help of timing waveforms, explain read and write operations of SRAM.	5M	CO5	2
	a) Distinguish between static and dynamic RAMs.	5M	CO5	3