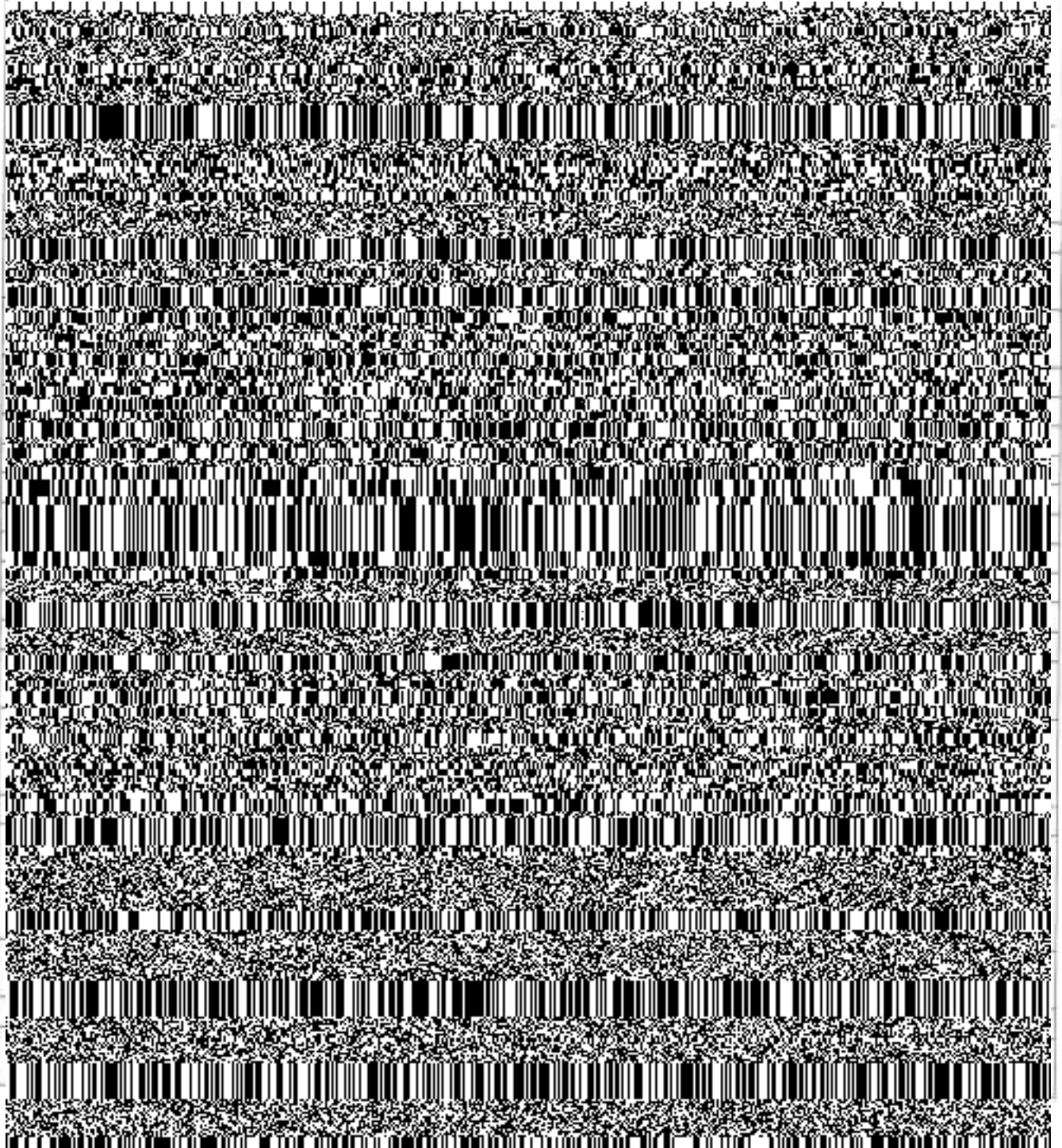




R22 Regulation *Subject code: 4H1AH*
TKR COLLEGE OF ENGINEERING AND TECHNOLOGY
(Autonomous, Accredited by NAAC with 'A+' Grade)

B.Tech I Semester Regular/Supplementary Examinations, January 2025



6	Discuss the factors influencing rate of corrosion. [10M]	3	4
	OR		
7	Construct Li-ion battery, discuss charging and discharging process. [10M]	3	4
8	Outline synthesis of petrol by Fischer - Tropsch's process with a neat sketch. [10M]	4	2
	OR		
9	Give a detailed account on refining of petroleum. [10M]	4	2
10	Write preparation, properties and applications of PVC, Bakelite and Teflon. [10M]	5	1
	OR		
11	A. Differentiate thermoplastic and thermosetting resins. [5M] B. Mention disadvantages of natural rubber and discuss its vulcanization. [5M]	5	4 1