



R22 Regulation

Subject code:4E4EE

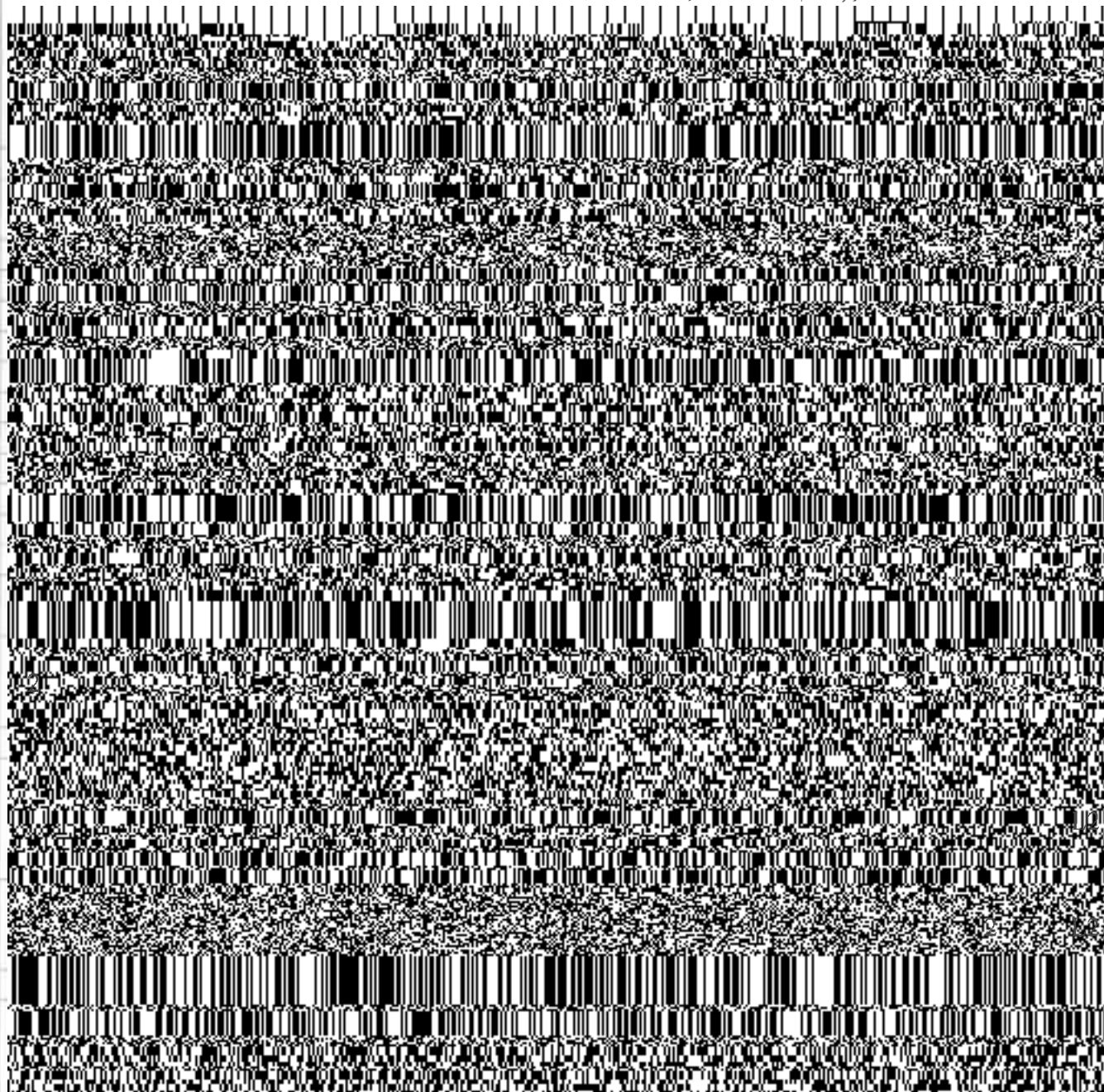
TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

(Autonomous, Accredited by NAAC with 'A+' Grade)

B.Tech IV Semester Regular/Supplementary Examinations, April 2025

WEB TECHNOLOGIES

(Common to CSE, CSE(AI&ML) & CSE(DS))



6	Explain the lifecycle of a Servlet with a suitable diagram.	10	3	L2
	OR			
7	a) How do Servlets handle HTTP request and response objects? Explain with examples. b) Explain how JDBC is used in Servlets to connect to a MySQL database with an example.	5M 5M	3	L3
8	Explain the purpose of JSP expressions, scriptlets, and declarations with suitable examples.	10M	4	L2
	OR			
9	a) Describe the process of JSP execution and how it differs from Servlets. b) Explain how JavaBeans can be used in JSP for better code modularity?	5M 5M	4	L3
10	Develop a JavaScript program to change the content of an HTML element using DOM manipulation.	10M	5	L3
	OR			
11	a) Write a JavaScript to display whether given number is a prime or not. b) Explain the difference between synchronous and asynchronous JavaScript execution.	5M 5M	4	L3