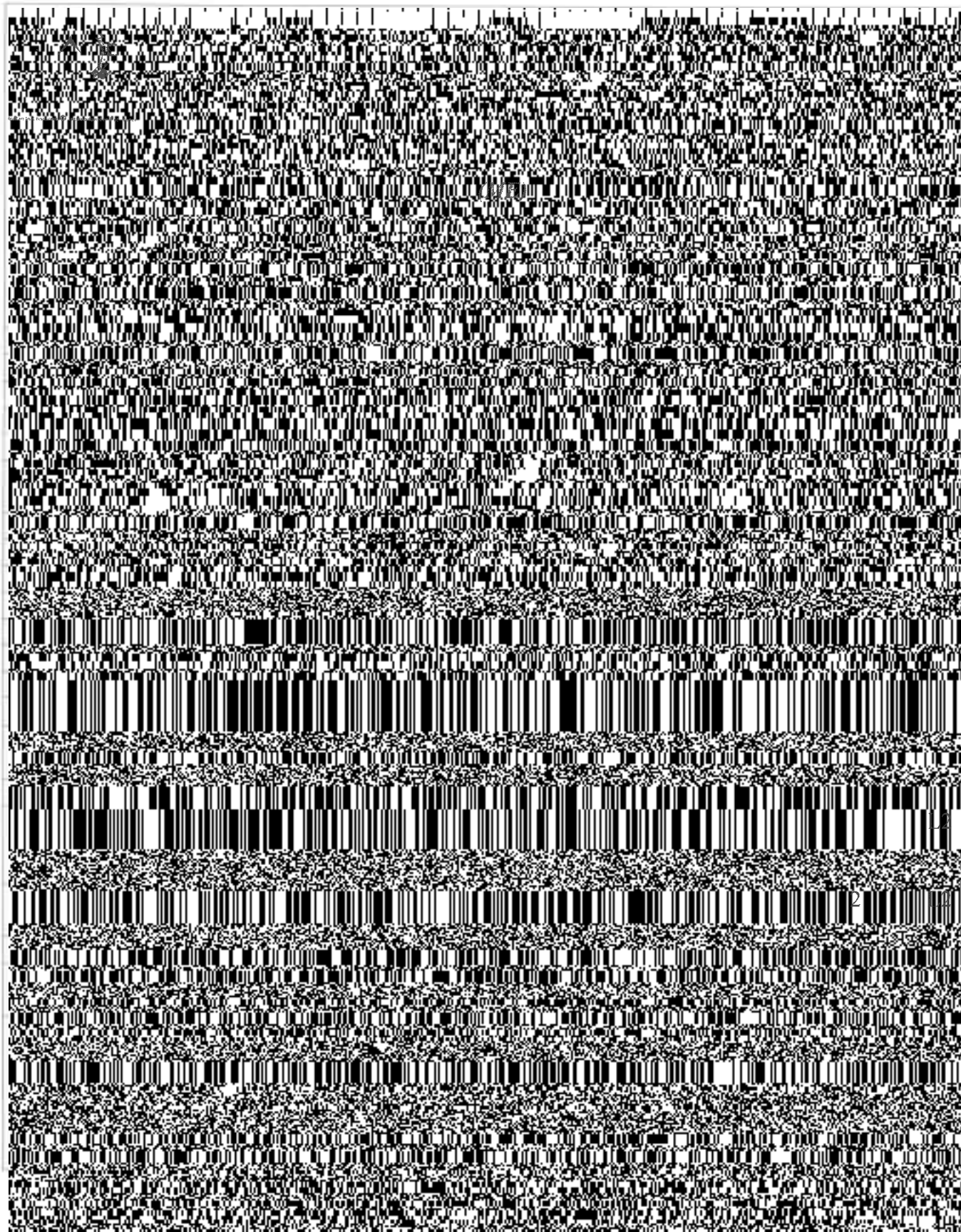




	OR			
16	Analyze the air box method for the measurement of air consumption in internal combustion engine.	10M	3	L2
17	List out various rotary compressor. Write the advantages of rotary compressors over reciprocal compressors.	10M	4	L2
	OR			
18	Explain the principle of operation of centrifugal compressor with neat sketch.	10M	4	L2
19	Describe a simple vapour compression cycle giving clearly its flow diagram?	10M	5	L2
	OR			
20	28 tonnes of ice from and at 0°C is produced per day in an ammonia refrigerator. The temperature range in the compressor is 25°C to -15°C . The vapour is dry and saturated at the end of compression and an expansion valve is used. Assuming a coefficient of performance of 62% of the theoretical, calculate the power required to drive the compressor. take latent heat of ice is 335 KJ/kg.	10M	5	L2