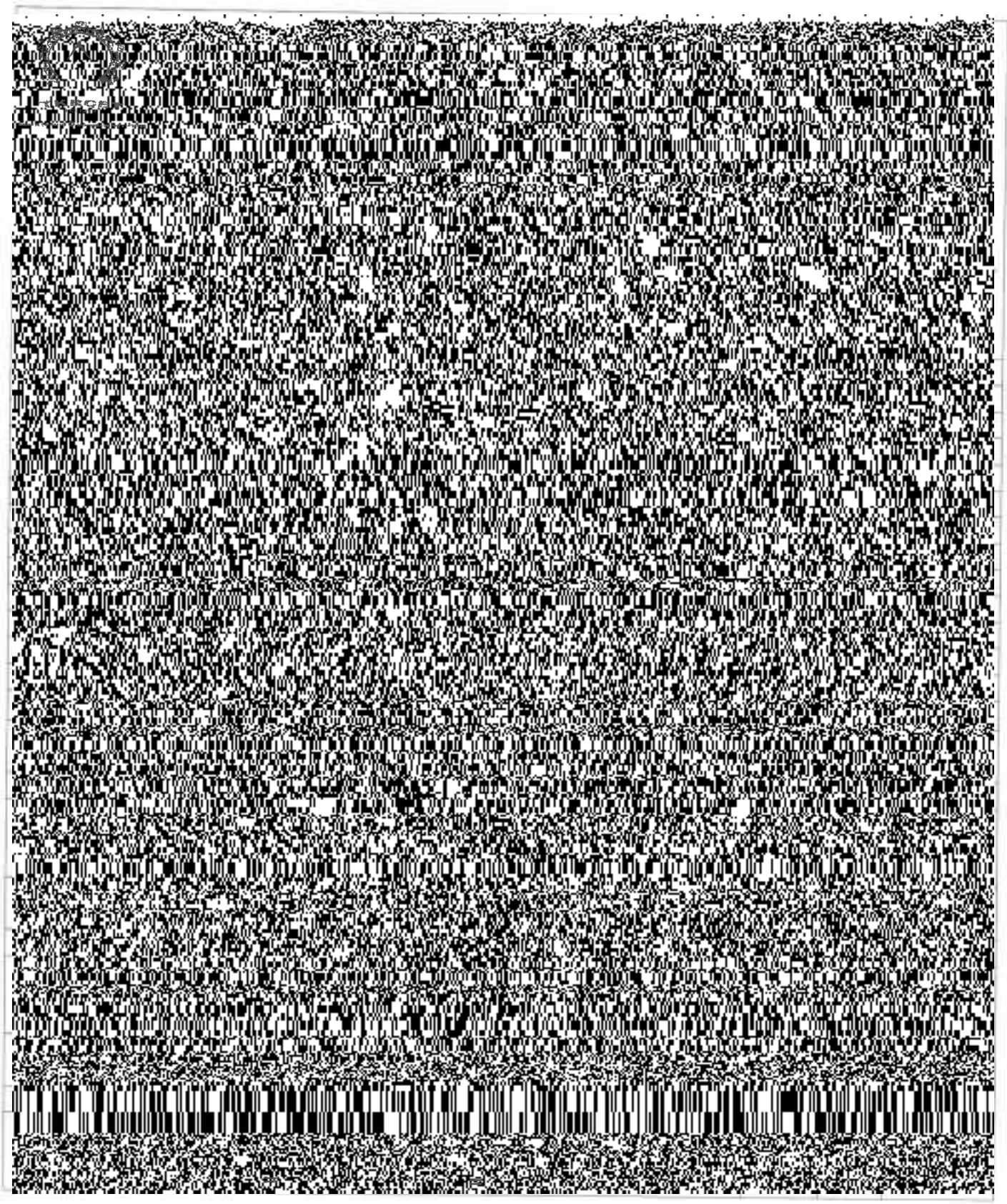

	- TID ITEM IDs: 1 i1,i2,i3,i5 2 i2,i5,i7 i9 3 i1 i3 i5 i7 4 i2,i4,i6,i8 5 i1,i2,i3,i4 6 i2,i3,i4,i5 7 i3,i4,i5,i6 8 i4,i5,i6,i7 9 i5,i6,i7.i8.i9 10 i9.i1.i2.i5 11 i8,i2,i9,i7 12 i5,i6,i3,i2			
8	a. Define information gain and explain its importance in decision tree induction. B, Give the algorithm for decision tree induction.	5M 5M	CO4	L2
	OR			
9	a. State Bayes theorem. How can it be applied for data classification? b. With example explain Naïve – Bayes Classifier.	5M 5M	CO4	L2
10	a. What are typical requirements of clustering in data mining? Explain. b. What are the advantages of PAM algorithm over k-means algorithm?	5M 5M	CO5	L2
	OR			
11	a. Write K-means clustering algorithm with an example. b. Write the key issue in hierarchical clustering algorithm.	5M 5M	CO5	L2