School of Business

Department of Business
Mid Term Examination

Sem V - D1UF503T - Text Analytics
Your answer should be specific to the question asked
Draw neat labeled diagrams wherever necessary

1)	What is text preprocessing in text analytics?	K2 (2)
2)	What is text generation in natural language processing?	K1 (3)
3)	How can hierarchical clustering algorithms be advantageous for text clustering?	K2 (4)
4)	How can Markov chains be used for simple text generation?	K2 (6)
5)	How can NER be applied in real-world scenarios, such as information retrieval?	K3 (6)
6)	How can you calculate the cosine similarity between two text documents using SpaCy in Python?	K3 (9)
7)	How does text clustering differ from text classification?	K4 (8)
8)	Compare rule-based and machine learning-based approaches in NER.	K4 (12)

OR

	What is the difference between autoregressive and generative adversarial network (GAN) approaches to text generation?	K4 (12)