

 <p>SASTRA ENGINEERING · MANAGEMENT · LAW · SCIENCES · HUMANITIES · EDUCATION DEEMED TO BE UNIVERSITY 10/5/3 OF THE UGC ACT, 1956</p>	<p>School of Computing Course Code: CSE405R02 Course Name: Natural Language Processing Duration: 3 hrs Max Marks: 50</p>
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Question 7

1. Construct a Feed Forward Neural network for the task of classifying the Real and Fake News from the text given (Perform the required data preprocessing and feature engineering).

File name: **Q2TrueFakeNewsDataset**. (Use TF-IDF representation)

2. Apply hindle and rooth algorithm to know whether the preposition “with” is attached to “a phone” (noun phrase) or “saw” (verb). **File name: Attachment ambiguity WITH.csv**