

2025

M.Sc. 1st Semester Examination

COMPUTER SCIENCE

Paper : COSE405C8

(Natural Language Processing)

(Practical)

Full Marks : 15

Time : One Hour

The figures in the margin indicate full marks.

Answer any *one* question : 10×1=10

(Choose the question on the lottery basis)

1. Write a Python program remove the stopwords from a text file.
2. Write a Python program to display the individual sentences from a given text using sentence tokenizer.

(2)

3. Write a Python program to implement POS tagger and display all the nouns.
4. Write a Python program to display the stemming of a word.
5. Write a Python program to display word cloud from a given text file.
6. Write a Python program to read a CSV file and store it in data frame.
7. Write a Python program to read a text file and display it into tokens.

(3)

8. Write a Python program to use Matplotlib library for any data visualization.
9. Write a Python program to clean the raw data preprocessing given text.
10. Write a Python program to design a parse tree of a text.

Practical Notebook and Viva-voce : 05
