

SUSHANT UNIVERSITY, GURGAON

MID TERM EXAMINATION, APRIL 2021

19MTC-1NL12T/18BCS-0BC41E: Natural Language Processing/Speech and Natural Language Processing

Program: M. Tech (CSE)/BCA

Semester: II/VI

Time: 2 Hrs.

Max:20

1. Open a file in write mode and write any 6 identifiers and their description in regular expression?
2. Open a PDF file and perform following operations:
 - a. Display number of pages
 - b. Display content of page number 2
 - c. Add a new page to the PDF
3. Write regex for the following:
 - a. Finding all email in your text
 - b. To find an uppercase word and a number in a string
 - c. Find all 8 letter words in a string
4. Consider the following text and answer the following questions:
“Today i.e. 5th April, 2022 is our NLP Mid Term Practical exam. We are well prepared. Hope to secure good marks.”
 - a. Display the tokens, parts of speech and their dependencies
 - b. Display the text word at position 11 and its lemma
 - c. Display/Segment the sentences in this text
 - d. Tell whether Hope is the start of any sentence