

B.Tech Computer Engineering 8th Semester 2022
Natural Language Processing and Information Extraction [CEN-807]

Sessional 1

Part A: Attempt the quiz using the following link

To be attempted in 10 minutes from 9:00 am to 9:10 am only

[8 marks]

<https://forms.gle/BjkBjG3FmZ5xC7pX6>

(click on the link or copy and paste it in the browser)

Part B: Upload the solution of the following question on the google classroom

[7 marks]

Consider the following training data:

S.No.	Document	Class
1.	Natural Language Processing	A
2.	Language Model Learning	A
3.	Ngram Language Model	A
4.	Text Classification Model	A
5.	Text Processing Model	A
6.	Computer Vision	B
7.	Image Classification Model	B
8.	Object Segmentation	B
9.	Image Processing	B
10.	Object Recognition	B

And Test Data:

1.	Object Recognition Model	?
2.	Text Recognition Model	?

Predict the class for test samples using Multinomial Naïve Bayes and Unigram language model with La-Place smoothing.