1. What is language of machine translation?

Ans- Converts human language to machine language.

1. What is main challenges of NLP

Ans- Handling Ambiguity of sentence

1. Which of the following component of NLP?

Ans- Pragmatic analysis

Entity extraction

Syantactic analysis

All of the above

1. Natural language processing is field of:

Ans- Computer Science  
 Artificial Intelligence  
 Linguistics  
 All of the mentioned

1. What is special character that matches zero or more characters?

Ans- \*

1. What does the regular expression [a-z] match ?

Ans- All characters between the range a to z

1. What is the output after running the below code

Import nltk,

stemmer=nltk.PorterStemmer() , print(stemmer.stem(“raining”),stemmer.stem(“decreases”))

Ans- rain decrease

1. Which is correct order for preprocessing in Natural Language processing?

Ans-  tokenization->stemming->lemmatization

1. Why do we use named entity recognition in NLP?

Ans- Classify entities into predefined labels

1. One example of a natural language programming software program used with the iphone is called siri

Ans- True

1. What are the step of data pre-processing?

* Ans- Removal of Stopwords
* Removal of Shortwords
* removal of html tags and special characters

all the above

1. RNN is used for which type of data

Ans- Textual Data

1. t = “good”

s= “the student is good”

ans- re.search(t,s).group(0)

1. s= “I born in 1991 and started going school in age 5”

(print only 1991)

P=re.findall(‘\d{4}’, s)