**MCQS**

1. Knowledge representation is represented in two ways in AI

a. machine logic

b. predicate logic

c. propositional logic

d. compund logic

2. Generate the Soundex code of “VALIDATION”

a. V433

b. V435

c.V432

d.V434

3. Transform word “MAXIMIZE” into “MINIMIZE”, then how many edit operations required.

a. 2 substitution

b. 1 insertion, 1 substitution

c. 1 deletion , 1 insertion

d. 2 insertion

4. To work with Natural Language Toolkit , the first step is to install package, which is the right command to install the package.

a. pip install nltk

b. install nltk

c. pip install

d. pip nltk

5. Transform word “HERE” into “HEAR”, then how many edit operations required.

a. 2 substitution

b. 2 insertion

c. 1 insertion and 1 substitution

d. 2 substitution and 1 insertion

6. Error caused by extra element is due to :

a. insertion

b. substitution

c. deletion

d. both a and b

7. While constructing the parse tree, the base proposition would be:

a. S

b. VP

c. NP

d. T

8. In NLP, sentence meaning is represented at

a. syntactic phase

b. semantic phase

c. discourse integration

d. none.

9. Grammatical errors checking done by

a. semantic analysis

b. syntactic analysis

c. both a and b

d. pragmatic analysis

10. Bag of Words (BoW) model is a simple algorithm used in Natural Language Processing for…

a. feature extraction

b. feature selection

c. pre-processing

d. none

11. Bag of word models doesn’t respect the semantics of the word.

a. true

b. false

12. Which method is imported from NLTK package to generate Lemma.

a. wordnetlemmatizer

b. WordNetLemmatizer

c. NetLemmatizer

d. WordnetLemmatizer

13. If lemmatization is used, the base form of word “Talking” is..

a. Tal

b. Talk

c. Talki

d. Talkin

14. To construct the complex sentences, we required

a. connectives

b. logical connectives

c. symbols

d. all of the above

15. In propositional logic how many symbols are there?

a. 2

b. 3

c. 4

d. 1