

# Worksheet

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Name: .....

Roll No: ..... Class: ..... Section: .....

Date: .....

## NATURAL LANGUAGE PROCESSING

### Chapter-6

#### 1. Choose the correct option.

- (a) Which of the following is the process of creating the most meaningful and relevant summary of voluminous texts from multiple resources?
- |                                    |                          |                                   |                          |
|------------------------------------|--------------------------|-----------------------------------|--------------------------|
| (i) Sentiment and Emotion Analysis | <input type="checkbox"/> | (ii) Automatic Text Summarization | <input type="checkbox"/> |
| (iii) Text Classification          | <input type="checkbox"/> | (iv) Virtual Assistant            | <input type="checkbox"/> |
- (b) Which of the following is defined as classifying the unstructured text into groups or categories?
- |                        |                          |                                   |                          |
|------------------------|--------------------------|-----------------------------------|--------------------------|
| (i) Chatbots           | <input type="checkbox"/> | (ii) Text Classification          | <input type="checkbox"/> |
| (iii) Emotion Analysis | <input type="checkbox"/> | (iv) Automatic Text Summarization | <input type="checkbox"/> |
- (c) Which of the following blocks of the 4Ws problem canvas helps you in analysing the people getting affected directly or indirectly due to it?
- |             |                          |           |                          |
|-------------|--------------------------|-----------|--------------------------|
| (i) Who     | <input type="checkbox"/> | (ii) What | <input type="checkbox"/> |
| (iii) Where | <input type="checkbox"/> | (iv) Why  | <input type="checkbox"/> |
- (d) What does B stands for in CBT?
- |                 |                          |                  |                          |
|-----------------|--------------------------|------------------|--------------------------|
| (i) Best        | <input type="checkbox"/> | (ii) Behavioural | <input type="checkbox"/> |
| (iii) Behaviour | <input type="checkbox"/> | (iv) Based       | <input type="checkbox"/> |

#### 2. Answer the following questions.

- (a) What are virtual assistants? Give any two examples.

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- (b) What is NLP?

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- (c) What do you mean by Data Acquisition?

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