Worksheet No: 4   **Subject : Computer**

Chapter-5: Exite   **Class:VIII**

Q1. Expand the following.

1. AI
2. NLP

Q2. Choose the correct answer.

1. Which of the following uses Computer vision

    a. Speech Translation   b. Chatbot   c. Face Recognition

2. In which year was the term Artificial Intelligence Formally adopted?

    a. 1946   b. 1956   c. 1960

3. Siri and Alexa are examples of ………

    a. Weak AI   b. Strong AI   c. Narrow AI

4. Which of the following domains of AI focuses on replicating human vision system?

    a. Data   b. Computer vision   c. Natural Language Processing

5. Which of the following fields of AI works similar to the neurons in the human brain?

    a. Computer Vision   b. Neural Network   c. Natural Language Processing

Q3. Fill in the blanks

1. Google translate can translate ………………. and ………………

2. ………………. is regarded as one of the founding fathers of AI.

3. …………… enables machines to see in the same way as we humans do.

4. AI can help to automate_____and_____tasks.

5. __ is a hypothetical AI that surpasses human intelligence in all aspects.

6. Alan Turing proposed the_____test in 1950.

7. _____ processes and decodes the sentences and words that

    humans use tocommunicate.

Q4. Write True or False

1. Audio, videos and text are different types of data.

2. IBM's Watson is an example of AI usage in travel industry.

3. AI is as technology that is linked to many other disciplines.

4. Automation of tasks is making humans lazy.

Q5. Answer the following questions.

1. Distinguish between human intelligence and artificial intelligence.

2. Name the three most important applications of data.

3. What does Data Science mean?