

# Worksheet

2

Name: .....

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

Date: .....

## DOMAINS OF AI

## Chapter-9

### A. Fill in the blanks.

- ..... enables a computer to read and understand data by mimicking human natural language.
- ..... is a very popular field of AI that trains a computer to understand and interpret the visual world.
- ..... cars use computer vision to examine their surroundings and plan its path.
- In healthcare industry, ..... can be used to check the patient's image and determine the ailment.
- ..... checks the sender of the email and categorises the mails as spam or junk.

### B. State whether these statements are true or false.

- Big data subfield of AI is used for a variety of tasks such as email filters. ....
- There are different approaches or domains to achieve Artificial Intelligence. ....
- NLP also finds its use in the auto complete and spell check feature of word processors. ....
- Big data has become a valuable commodity. ....
- Social media accounts, online profiles, product reviews, tagged interest, shared content, almost every information adds value to the big data pool. ....

### C. Assertion and reasoning based question.

**Assertion (A):** AI's ability to work so well with data analytics is because of its use of big data.

**Reason(R):** Using data from many sources, AI can build a store house of knowledge that ultimately leads to accurate predictions about a consumer.

- Both A and R are correct and R is the correct explanation of A.
- Both A and R are correct but R is NOT the correct explanation of A.
- A is correct but R is not correct.
- A is not correct but R is correct.

Select the correct answer from above options.