

## Worksheet

2

Name: .....

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

Date: .....

**TYPES OF AI****Chapter-8****A. Fill in the blanks.**

1. .... is the branch of computer science that focuses on developing machines which can think and work like human beings.
2. Machine's ..... is created by the humans.
3. Human brain normally uses ..... watts of energy.
4. National Institution for Transforming India, also known as ....., is a public policy think tank of the Government of India.
5. AI is not a new technology, having existed since the .....

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

1. Machines usually use 65 to 250 watts. ....
2. AI refers to the ability of machines to perform cognitive tasks like thinking, perceiving, learning, problem solving and decision making. ....
3. AI can be classified into 4 categories which are based on the functionality of AI applications. ....
4. Narrow AI performs dedicated tasks with intelligence. ....
5. Weak AI machines have human like intelligence. ....

**C. Assertion and reasoning based question.**

**Assertion (A):** Machines can process huge volumes of data quickly and with accuracy.

**Reason (R):** Machine learn from information provided to them and through regular training.

1. Both A and R are correct and R is the correct explanation of A.
2. Both A and R are correct but R is NOT the correct explanation of A.
3. A is correct but R is not correct.
4. A is not correct but R is correct.

Select the correct answer from above options.