

Worksheet

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Name:

Roll No: Class: Section:

Date:

INTRODUCTION TO AI

Chapter-1

A. Fill in the blanks.

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

B. State whether these statements are true or false.

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

- 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.