

INDIAN SCHOOL AL WADI AL KABIR

Class: VI	Department: Computer Science	Year:2024-2025
WORKSHEET	Topic: Intelligence & AI Approaches	

I. CHOOSE THE CORRECT ANSWER

- Which quality do people with visual-spatial intelligence possess?
a)Explaining things well b) Good at problem-solving c)Recognising patterns easily
d)Both a and b
Ans: **Recognizing patterns easily**
- Which AI model approach uses a series of if-else statements that helps a computer take decisions?
a)Learning-based approach b) Rule-based approach c) Machine learning d) None of these
b) Ans: **Rule-based approach**
- Which of the following is a way of achieving AI?
a)Machine learning b)Decision Tree c)Both a & b d)None of these
Ans:**Machine learning**
- Which of the following refers to software technologies that make a robot or computer act and think like humans?
a)Real intelligence b)Artificial Intelligence c)Both a and b d)None of these
Ans:**Artificial Intelligence**

II. Fill in the blanks

- _____imparts cognitive ability to machines, meaning it can make machines perform tasks in ways that are intelligent.
Ans :**Artificial Intelligence**
- Good at resolving conflict in groups is an example of_____intelligence.
Ans: **Interpersonal Intelligence**
- is a branch of AI and is based on the idea that machines can be built to process data and learn on their own.
Ans: **Machine learning**
- refers to the ability to think, to learn from previous experience, to solve complex problems and to adapt new things and environment.
Ans:**Intelligence**
- According to the theories of Harvard Psychologist -----,humans do not just have an intellectual capacity but also many kinds of intelligence.
Ans:**Howard**
- AI models have two kinds of approaches _____ and _____.
Ans:**Rule based and Learning based**

7 The term Artificial Intelligence was first coined by _____ in 1956.

Ans: **John McCarthy in 1956**

8 Excellent hand-eye and physical coordination is an example of _____ Intelligence.

Ans: Bodily-Kinesthetic

III. Write True or False

1 The aim of AI is to reproduce the human attributes of logical intelligence, reasoning and knowledge acquirement in machines. True

2 According to Howard Gardner's theories, humans only have an intellectual capacity. False

3 Learning based approach is referred to as black boxes as it is not entirely clear how these systems take decisions. True

4 Machine learning is a branch of AI and is based on the idea that machines can be built to process data and learn on their own. True