



**M.E.S INDIAN SCHOOL, DOHA - QATAR**  
**Worksheet – 1 2025- 2026**

**Section : Boys' & Girls**

**Date : 10/05/2025**

**Class & Div : IX All divisions**

**Subject : AI**

**Lesson / Topic: 1. AI Reflection, Project Cycle and Ethics**

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**Choose the correct option**

1. Which one of the following is an application of AI?
  - a. Remote controlled Drone
  - b. Self-Driving Car
  - c. Self-Service Kiosk
  - d. Self-Watering Plant System
2. This language is easy to learn and is one of the most popular languages for AI today:
  - a. C++
  - b. Python
  - c. Ruby
  - d. Java
3. This field is enabling computers to identify and process images as humans do:
  - a. Face Recognition
  - b. Model-view-controller
  - c. Computer Vision
  - d. Eye-in-Hand System
4. Which of the following is not a domain of artificial intelligence?
  - a. Data Management System
  - b. Computer Vision
  - c. Natural Language Processing
  - d. Data Science (Statistical Data)
5. Which of the following comes under Problem Scoping?
  - a. System Mapping
  - b. 4Ws Canvas
  - c. Data Features
  - d. Web scraping
6. Which of the following is not valid for Data Acquisition?
  - a. Web scraping
  - b. Surveys

- c. Sensors
- d. Announcements

7. **Assertion:** Rule based AI model is a static model.

**Reasoning:** Rule based model can evolve over changing data set.

Mark the correct choice as:

- (a) Both A and R are true and R is the correct explanation for A
  - (b) Both A and R are true and R is not the correct explanation for A
  - (c) A is True but R is False
  - (d) A is false but R is True
8. The process of breaking down the big problem into a series of simple steps is known as:
- a. Efficiency
  - b. Modularity
  - c. Both a) and b)
  - d. None of the above
9. The primary purpose of data exploration in AI project cycle is \_\_\_\_\_
- a. To make data more complicated
  - b. To simplify complex data
  - c. To discover patterns and insights in data
  - d. To visualize data
10. Deployment is the final stage in the AI project cycle where the AI model or solution is implemented in a real-world scenario. (True/False)
11. The guiding principles to decide what is good or bad is known as \_\_\_\_\_.

**Subjective type questions:**

1. Explain the concept of 4W problem canvas.
2. What do you mean by AI project cycle? State its advantages.
3. Write down some applications of AI in daily life.
4. How is Data Exploration different from Data Acquisition.
5. Distinguish between Rule based AI and Learning based AI.

\*\*\*\*\* THE END \*\*\*\*\*