Worksheet

1

Name: ....

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

Date: ....

AI PROJECT CYCLE

Chapter-2

A. **Tick (✓) the correct option.**

1. Which among the following is used for data visualization?
   a. Pie chart ☐   b. Bar chart ☐
   c. Area chart ☐   d. All of these ☐

2. Which of the following is not a part of 4Ws Problem Canvas?
   a. Which ☐   b. Who ☐
   c. What ☐   d. Where ☐

3. Which among the following statements shows the correct order of 4Ws Problem Canvas?
   i.   What-Why-Who-Where   ii. Who-What-Where-Why
   iii. Who-What-Why-Where   iv. Why-Where-What-Who
   a. ii ☐   b. iii ☐
   c. i ☐   d. iv ☐

4. Which among the following is not a reliable source of data?
   a. Surveys ☐   b. Web scraping ☐
   c. Sensors ☐   d. Rumors ☐

5. What is the starting point of a decision tree known as?
   a. Root node ☐   b. Leaf node ☐
   c. Branches ☐   d. None of these ☐

B. **Define the following.**

1. Decision trees   2. Machine learning
3. Deep learning   4. System Maps
5. AI Project Cycle

C. **Short answer type questions.**

1. What is the difference between machine learning and deep learning?
2. What is 4Ws Problem Canvas?
3. What is data visualization?
4. Name some reliable sources to acquire data.
5. Name various data modelling techniques.

Class -9   Part B

Grade: ★ ★ ★ ★ ★

Teacher's Signature: ....