ORANGE®

Worksheet

1

Name: ....

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

Date: ....

AI PROJECT CYCLE

1. Tick (✓) the correct option.

(a) The process of developing AI machines has different stages that are collectively known as AI
....

(i) Project status ☐ (ii) Project cycle ☐

(iii) Both (i) and (ii) ☐ (iv) None of these ☐

(b) Which of the following is the first and the crucial stage of AI Project development which focuses on identifying and understanding problems?

(i) Problem Scoping ☐ (ii) Data Acquisition ☐

(iii) Data Exploration ☐ (iv) Modelling ☐

(c) .... refer to the type of data to be collected.

(i) Data security ☐ (ii) Data policy ☐

(iii) Data quality ☐ (iv) Data features ☐

(d) Which of the following uses dots to represent the relationship between two different numeric variables represented on the x and y axis?

(i) Histogram ☐ (ii) Scatter plot ☐

(iii) Bullet Graphs ☐ (iv) Tree Diagram ☐

2. Consider the following statements:

Statement A: Neural networks are made up of layers of neurons.

Statement B: Human brain consists of millions of neurons.

(i) Only Statement A is correct (ii) Only Statement B is correct

(iii) Both the statements are correct (iv) None of the statements is correct

3. Explain the following:

(a) Need to use neural networks

....

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(b) Evaluation Stage in AI Project Cycle

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Class -10   Part B

Grade: ★ ★ ★ ★ ★

Teacher's Signature: ....