

QUIZMANTHON.COM

6. ______helps us to summarise all the key points into one single outline so that in future, whenever there is need to look back at the basis of the problem, we can take a look at it and understand the key elements of it.

a) 4W Problem canvas

c) Data Acquisition

- 7. Data about the houses such as square footage, number of rooms, features, whether a
- house has a garden or not, and the prices of these houses, i.e., the corresponding labels are fed into an AI machine. By leveraging data coming from thousands of houses, their features and prices, we can now train the model to predict a new house's price. This is an example of
 - a) Reinforcement learning
 - c) Unsupervised learning
- 8. <u>Training Data</u> refers to the type of data you have to collect in Data Acquisition stage of Al Project Cycle.

SECTION 'B'

Answer any 06 questions out of the given 07 questions from Q.9 to Q.15

 $(2 \times 6 = 12 \text{ marks})$

- 9. What do you mean by Sustainable Development? Also, write any two SDGs.
- 10. What are the possible ethical issues of AI, explain any two issues.
- 11. Discuss about the 4Ws Problem Canvas in details.
- 12. Write the difference between the followings:
 - 1. Digital Assistants vs. Chat bots
 - 2. Script bot vs. Smart bot
- **13.** Explain the First stage of AI Project Cycle. Also, draw Problem Statement Template.
- **14.** Define the following terms with suitable examples:
 - 1. Machine learning
 - Deep Learning
- **15.** Define the following AI models with suitable example:
 - 1. Classification Model
 - 2. Reduce Dimensionality Model

*** ALL THE BEST ***

d) Algorithm

Supervised learning

d) None of the above

Problem Statement Template