

# Worksheet

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Name: .....

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

Date: .....

## INTRODUCTION TO SDGs AND DATA SCIENCE

### Chapter-11

#### A. Tick (✓) the correct option.

1. AI can be used in managing gender issues online through:
  - a. Anti-harassment tracking on social media using NLP
  - b. Computer Vision
  - c. Data analytics of qualifications
  - d. Chatbot-enabled counselling for any issues
  
2. Which of these is an example of AI solving infrastructure management issues?
  - a. Improving land use through allocations
  - b. Waste management through smart bins
  - c. Street lighting
  - d. Better air quality through planting trees
  
3. Which of the following is the most popular software framework for big data and it is a tool that helps in regulating the storage of massive datasets?
 

a. Hadoop <input type="checkbox"/>	b. Tableau <input type="checkbox"/>
c. Both a and b <input type="checkbox"/>	d. None of these <input type="checkbox"/>
  
4. AI can help in sustainable communities through:
 

a. Traffic optimization <input type="checkbox"/>	b. Waste management <input type="checkbox"/>
c. Energy saving <input type="checkbox"/>	d. All of these <input type="checkbox"/>

Class -8

#### B. Answer the following questions.

1. How can AI help in achieving SDG 7?  
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2. Differentiate between Structured and Unstructured data.  
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