Worksheet

1

Name: ....

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

Date: ....

SMART LIVING

A. **Tick (✓) the correct option.**

1. Which is a benefit of smart cities?

   a. Traffic jams ☐   b. Water shortage ☐

   c. Economic growth ☐   d. Power wastage ☐

2. Which stage of AI involved machine learning systems?

   a. First ☐   b. Second ☐

   c. Third ☐   d. Fourth ☐

3. Which industry will AI transform in the future?

   a. Agriculture ☐   b. Education ☐

   c. Medicine ☐   d. Business ☐

4. How can CCTV monitoring help reduce crime?

   a. Face recognition ☐   b. Motion detection ☐

   c. Image analysis ☐   d. Object tracking ☐

B. **Fill in the blanks using the hints given below.**

Hints: filtered, smartphone, sensors, Smart

1. .... cities have efficient public utility services.

2. Self-driving cars use ...., cameras and AI.

3. AI serves .... content on social media platforms.

4. The .... alerts users about home security breaches.

C. **Write 'T' for true and 'F' for false.**

1. Traffic is better managed in smart cities. ....

2. Education quality is unaffected by AI. ....

3. Cybersecurity is weakened by AI systems. ....

4. Machine learning was the first wave of AI. ....

Class -7

Grade: ★ ★ ★ ★ ★

Teacher's Signature: ....