

Worksheet

1

Name:

Roll No: Class: Section:

Date:

AI TECHNOLOGIES

Chapter-9

A. Tick (✓) the correct option.

1. Which stage analyzes the audio in speech recognition?

a. First

☐

b. Second

☐

c. Third

☐

d. Fourth

☐

2. Which technology can Siri and Alexa use?

a. Data mining

☐

b. Face recognition

☐

c. Speech recognition

☐

d. Image processing

☐

3. Which application does NOT use speech recognition?

a. Alexa

☐

b. Siri

☐

c. Snapchat

☐

d. Google Assistant

☐

4. What does AI improve in OCR systems?

a. Speed

☐

b. Cost

☐

c. Accuracy

☐

d. Format

☐

5. How are characters examined in OCR?

a. Syntax

☐

b. Patterns

☐

c. Grammar

☐

d. Context

☐

B. Answer the following questions:

1. What does OCR stand for and what does it do?

.....

2. How does speech recognition work?

.....

3. What enables virtual assistants like Alexa to understand commands?

.....