UNIVERSITY OF SCIENCE & TECHNOLOGY, BANNU
FACULTY OF ENGINEERING
DEPARTMENT OF SOFTWARE ENGINEERING

Course: Internet of Things	**Code:** SE-407	**Assignment:** 01
Marks: 10	**Semester:** Spring-2025	**Batch:** 11
Domain: Cognitive **Taxonomy Level:** 5	**CLO:** 4 **PLO:** 03	**Dated:** 08/04/2025

Name: _____   **Roll No:** _____

Q1: What is sensor? What are the types of sensors? How to use the sensors? **Design** (architectural framework) the system based on sensors and also show the **purpose** of the concerned systems, also write the description of system/project **details** about its **connectivity technology** and **future aspects**.

1) Home automation system
2) Plant water sensor
3) Weather reporting system
4) Air pollution monitoring system
5) Smart parking system
6) Smart cradle system
7) Health monitoring system
8) Street light monitoring system
9) Smart gas leakage detector bot