NAME OF STUDENT:	CLASS:
SEMESTER/YEAR:	ROLL NO:
DATE OF PERFORMANCE:	DATE OF SUBMISSION:
EXAMINED BY:	EXPERIMENT NO:

TITLE : **CASE STUDY BASED ON HUMAN, COMPUTER, AND HCI**

PROBLEM STATEMENT : Case study preparation using HCI basic models such as object detection using pen and mobile conceptual model.

OBJECTIVES:

1. To understand HCI fundamentals
2. To understand Human and Computer attributes and functionality

OUTCOMES:

1. Creativity, design thinking, and real-time Human Computer Interaction study.
2. Percept the utility and applicability of HCI in real-time problem solving.

PRE-REQUISITES:

1. Knowledge of fundamentals of human behavior and computer functionality.
2. Knowledge of real-time problems.

APPARATUS:

THEORY:

Human Computer Interaction (HCI) originally deals with machine interaction, but this became human computer interaction in recognition of the particular interest in computers and composition of the user population. HCI may be implemented with distinctive importance in following areas:

1. Computer Science
2. Psychology
3. Sociology
4. Industrial Design

HCI comprises human and computer element. Human element is based on visual perception and computer element deals with speed and interfaces.

QUESTIONS:

1. What is HCI? What are the various phases involved in HCI?

2. Explain comparison between Human and Computer.

3. Write Short Note on: a) Human (based on Memory, Attention, Span, Visual Perception, Psychology, Ergonomics, Understanding)

   b) Computer (based on Speed, Interfaces, Widgets, Effect on Interaction)

4. What is mean by evaluation process? Elaborate Continuous Evaluation process via User Feedback.