**SARDAR BHAGWAN SINGH UNIVERSITY, BALAWALA, DEHRADUN (UTTARAKHAND)**

**Assignment - X**

**Name of Course and Semester:**  B.Sc. (Hons.) Agriculture / IV

**Subject:** FARMING SYSTEM & SUSTAINABLE AGRICULTURE

**Subject Code: (**AGRI-247)

**Subject Teacher: Anil Panwar**

**Attempt *all* the following questions.**

1. Define integrated farming system.
2. Enlist the different components of integrated farming system.
3. Draw a flow chart of different components and resources flow in multi-enterprise agricultural modal.
4. Short notes on the following.

A) Energy efficiency

b) Water use efficiency

5. Write the advantages of linear programming.