ALLAMA IQBAL OPEN UNIVERSITY, ISLAMABAD
(Department of Agricultural Sciences)

Course: Dairy Production (778) (Half Credit)   **Semester: Autumn, 2012**
Level: MSc (Hons) Livestock Management   **Total Marks: 100**
          Pass Marks: 50

ASSIGNMENT No. 1
(Units: 1–4)

Q. 1 Enlist milch and draught purpose breeds of cattle and describe in detail milch breeds of Pakistan.   **(20)**

Q. 2 How dairy cattle are selected and what is dairy cow unified score card.   **(20)**

Q. 3 What is artificial insemination its advantages, limitations and methods of Artificial insemination.   **(20)**

Q. 4 Enlist essential and non essential amino acids and make a flow diagram for proximate analysis of feed.   **(20)**

Q. 5 Write notes on the following: **(20)**
    i)   Tests   ii)   Ovaries

ASSIGNMENT No. 2
Total Marks: 100   **(Units: 5–9)**   **Pass Marks: 50**

Q. 1 What are the nutrient requirements of farm animals. Discuss in detail.   **(20)**

Q. 2 Write down about different suckling methods practiced in calf rearing.   **(20)**

Q. 3 What is biogas production and how manure is handled on dairy farm.   **(20)**

Q. 4 Discuss in detail the health related practices on dairy farm.   **(20)**

Q. 5 Write notes on the following: **(20)**
    (i)   Youghurt method
    (ii)   Cheese making