

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

WARNING

1. **PLAGIARISM OR HIRING OF GHOST WRITER(S) FOR SOLVING THE ASSIGNMENT(S) WILL DEBAR THE STUDENT FROM AWARD OF DEGREE/CERTIFICATE, IF FOUND AT ANY STAGE.**
2. **SUBMITTING ASSIGNMENTS BORROWED OR STOLEN FROM OTHER(S) AS ONE'S OWN WILL BE PENALIZED AS DEFINED IN "AIOU PLAGIARISM POLICY".**

Course: Dairy Production (778) (Half Credit)
Level: MSc (Hons) Livestock Management

Semester: Autumn, 2012
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) Yoghurt method
(ii) Cheese making