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) **Semester: Autumn, 2013**
Level: M.Sc (Hons) Livestock Management **Total Marks: 100**
Pass Marks: 50

ASSIGNMENT No. 1

(Units: 1–4)

Q. 1 Write habitat and physical characteristics of dual purpose breeds of cattle. Give suggestions to improve the production of these breeds. **(20)**

Q. 2 Discuss the role of hormones in reproduction of farm animals. **(20)**

Q. 3 Why silage making is gaining popularity. Discuss in detail its importance and process. **(20)**

Q. 4 What are the limitations and advantages of different sucking methods. Discuss each method in our local setting perspective. **(20)**

Q. 5 Write note on the following: **(20)**
i) Puberty ii) Estrous cycle

ASSIGNMENT No. 2

(Units: 5–9)

Total Marks: 100 **Pass Marks: 50**

Q. 1 Discuss different types of milking parlors and what are the advantages and disadvantages. **(20)**

Q. 2 What are the common health problems of herd. Discuss the treatment and control strategies. **(20)**

Q. 3 Discuss physiological factors affecting quantity and composition of milk. **(20)**

Q. 4 Discuss the design of modern milk plant and give list of milk plants of Pakistan. **(20)**

Q. 5 Discuss marketing channel of milk collection and the role of middle man in marketing. **(20)**