



The Open University of Sri Lanka
Faculty of Engineering Technology
Industrial Studies Program

Final Examination- 2006

AEI 4238 Agricultural Biology II

Date : 06-03-2007
Time : 0930-1230 hours

SECTION II

- (1) (a) Briefly discuss the environmental factors that affect the growth and development of farm animals.
(b) Write a brief note on different phases of actual growth curve of an animal.

- (2) (a) Briefly explain the anatomy of mammary glands.
(b) Write briefly the importance of "Colostrum" for a newborn offspring.

- (3) (a) Briefly discuss the meanings of "disease", "health" and "hygiene" in farm animals.
(b) Write a brief note on the "Mastitis" disease which is very much prevalent among milk cattle and its control measures.

- (4) (a) Write a short essay on "external parasites of poultry".
(b) How do you explain the "stress conditions" of farm animals?

- (5) "Ample supply of good quality water is necessary for maximum production of farm animals". Discuss this statement with giving reasons.

- (6) Write short notes on any three (03) of the following.
 - (a) Sex chromosomes
 - (b) Feeding mechanism of rabbit
 - (c) Puberty
 - (d) Coccidiosis of cattle
 - (e) Non-nutritive feed additives