



SECOND YEAR FIRST SEMESTER EXAMINATION IN AGRICULTURE – 2006/2007  
ASC 2101 – NUTRITION AND FEED FORMULATION OF FARM AND AQUATIC ANIMALS  
(EXTERNAL DEGREE)  
END SEMESTER EXAMINATION

Answer All Questions

Time: 2 Hours

1. a. Write advantages and disadvantages of proximate composition of feed analysis.  
b. Briefly discuss the steps involved in *in vivo* method to determine the digestivity of ruminant feed.
  
2. Write short notes on the following
  - a. Creep feeding in piglets.
  - b. Pregnancy anabolism in pigs
  - c. Energy partition in ruminants
  
3. Discuss the following
  - a. Feeding of layer chicks from day old to eight weeks old.
  - b. Anti nutritive factors/ deleterious factors present in animal feed.
  
4. a. Importance of artificial feed in fish nutrition  
b. Sources of proteins in poultry ration