

SECOND YEAR FIRST SEMESTER EXAMINATION IN AGRICULTURE – 2008/2009

ASC 2101 – NUTRITION AND FEED FORMULATION OF FARM AND AQUATIC ANIMALS

[EXTERNAL DEGREE]

END SEMESTER EXAMINATION

Answer all questions

Time: 2 Hours

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1. (a). Indicate major physiological stages of Hy-line white layers with their major nutritional requirements.  
(b). Rationally explain feeding and watering practices for one of the physiological stages indicated above (1.a).
  
2. Write short notes on the following
  - (a). Role of proteins in carnivorous fish diet cultured in a pond
  - (b). Creep feeding in piglets
  - (c). Energy partition in ruminants
  
3. (a). Briefly explain about the critical periods of gestation in sow.  
(b). How can you make the swill as a complete feed?
  
4. (a). Write the advantages and disadvantages of the proximate composition of the feed analysis.  
(b). Briefly explains the in-vivo digestibility in ruminants.