



UNIVERSITY OF AGRICULTURE, ABEOKUTA  
COLLEGE OF ANIMAL SCIENCE AND LIVESTOCK PRODUCTION  
DEPARTMENT OF ANIMAL PRODUCTION AND HEALTH

Full Title of Examination: 2008/2009 Second Semester

Name of Subject: APH506

Full Title of Paper: Dairy Production

Time Allowed: 2Hours

Instruction: Answer All questions

1. List four ways by which aggregation of casein could be induced.
2. List the major fractions of whey proteins.
3. Explain fully the lactic acid test indicating its usefulness, applications and test principle.
4. Give four examples of milk enzymes.
5. Write short notes on the following:
  - i. Management of calves from 0 – 3 months
  - ii. Pregnant and lactating cows
  - iii. Milk let down in lactating cows
  - iv. Balanced ration
  - v. Milk contamination
6. Write short notes on the three classifications of the dairy industry in Nigeria.
7. Identify the constituents of the following:
  - i. Whey
  - ii. Total solids
  - iii. Skim milk
  - iv. Solid-non-fat