



NATIONAL OPEN UNIVERSITY OF NIGERIA
14-16 AHMADU BELLO WAY, VICTORIA ISLAND LAGOS
SCHOOL OF SCIENCES AND TECHNOLOGY
MAY/JUNE 2012 EXAMINATION

AEM 622: RUMINANT ANIMAL PRODUCTION
TIME ALLOWED: 2 HOURS

INSTRUCTION: ANSWER FOUR QUESTIONS ONLY

1.
 - i. List five importance of ruminants.
 - ii. State the criteria used in classifying small ruminants
 - iii. What are the signs of approaching parturition?
 - iv. List five signs you can notice to indicate ill-health in a herd./animal.
2.
 - i. What are the advantages and disadvantages of the ruminant digestion process?
 - ii. Describe the West African Dwarf goat
 - iii. List the main operations to be carried out in calf management.
 - iv. Why is artificial insemination not commonly used in Nigeria?
3.
 - i. What are the advantages of small ruminants over other ruminants?
 - ii. Describe West African Dwarf sheep.
 - iii. List the different classes of cattle.
 - iv. State the signs of heat in a goat.
4.
 - i. Describe in details the Red Sokoto Goat.
 - ii. List the advantages of steaming up in small ruminants.
 - iii. Write a short note on five measures of disease prevention on a farm
 - iv. Describe the white Fulani breed of cattle in Nigeria
5.
 - i. State the signs of kidding/lambing
 - ii. Advantages of feeding of breeding males.
 - iii. List the importance of housing in sheep/goat production.
 - iv. Describe Signs of good health in farm animal.
6.
 - i. State the importance of goats in Nigeria

- ii. Describe the Yankasa breed of sheep.
- iii. List the important features of a typical sheep/goat handling unit.
- iv. Write a short note on five measures of disease prevention on a farm.