



NATIONAL OPEN UNIVERSITY OF NIGERIA
14/16 AHMADU BELLO WAY, VICTORIA ISLAND, LAGOS
SCHOOL OF SCIENCE AND TECHNOLOGY
JUNE/JULY EXAMINATION

COURSE CODE: AEM722

COURSE TITLE: RUMINANT ANIMALS (2 UNITS).

TIME ALLOWED: 2 hours

INSTRUCTION: Answer any 4 (four) questions

(1) Explain 5 roles of ruminant animals in Nigerian agriculture
(4 marks each)

b. List 5 breed of sheeps found in Nigeria.
(5 marks)

(2) a. List and explain 5 advantages of small ruminant over other ruminants in

the supply of meat.
(4 marks each)

b. List 5 breed of cattle found in Nigeria.
(5 marks)

(3) a. Define the following terms:

i- Bull; ii- Heifer; iii- Mohair iv- Veal; v- Chevron; vi- Weather;

vii- Mutton viii- Kidding; ix- Hogg; and x- Buck

(2 marks each)

b. List 5 breed of goats found in Nigeria.
(5 marks)

(4) a. Explain the management of calf.
(20 marks)

b. State 5 signs of heat.
(5 marks)

(5) a. Explain briefly 5 signs of good health
(4 marks each)

b. State 5 signs of parturition.
(5 marks)

(6) Briefly explain any 4 of the following:
(5 marks each)

(a). Artificial insemination;

(b). Roughages;

(c). Hand milking;

(d). Sign of oestrus;

(e). Wheat offal.