

NATIONAL OPEN UNIVERSITY OF NIGERIA
FACULTY OF AGRICULTURAL SCIENCES
DEPARTMENT OF ANIMAL SCIENCE & FISHERIES

Examination Questions: January, 2018

Course Title: Ruminant Animal Production

Course Code: ANP 302 (2cu)

Instructions: Total marks = 70. Question 1 is compulsory (25 marks), then answer any other 3 out of the 5 that follow (15 marks each).

Time Allowed: 2 Hours

1a. Discuss briefly any 10 economic and nutritional values of Ruminant animals to man ..

10 Marks

1b. Which breed of cattle is the most prevalent in Nigeria? Briefly describe it. 3 Marks

1c. Name the stomach compartments of the ruminant animal
4 marks

1d. Using a sketch, describe the life cycle of tape worm in goats
8 Marks

2a. Define flies 3 Marks

2b. Distinguish between the Uda and West African Dwarf breeds of sheep.

2 marks per point =
12 Marks

3a. Describe briefly 5 mating systems that can be used in cattle 1.8
Marks each=9 Marks

3b. Enumerate the 6 points that must be considered while designing a house for cattle
1 Marks each = 6
Marks

4a. Describe briefly any 7 equipment used in ruminant production. 1
Mark each = 7 Marks

4b. Discuss any 3 methods of pasture conservation
2.67 each = 8 Marks

- 5a. Elaborate on any 8 infectious diseases of cattle 1.25 each =
10 Marks
- 5b. List and briefly discuss 2 feed materials used in ruminant feeding
2.5 Marks each = 5
Marks
- 6a. Describe how you will manage a cow during calving 10 Marks
- 6b. Identify 5 major physical characteristics of Sokoto Gudali 5 marks

Goodluck