



NATIONAL OPEN UNIVERSITY OF NIGERIA
FACULTY OF AGRICULTURAL SCIENCES AND FISHERIES
DEPARTMENT OF ANIMAL SCIENCES AND FISHERIES
2025_2 EXAMINATIONS

Course Code: ANP 302 (2cu)
Course Title: Ruminant Animal Production
Instruction: Answer Question 1 (20 Marks) and any 3 questions (16.6 Marks each) out of the 5 below.
Total marks obtainable is 70%
Time Allowed: 2 hours

1. Discuss in detail any six (6) internal and five (5) external parasites commonly found in Nigerian ruminant animals.
2. One of the methods to eradicate worm infestation in ruminant animal production is to know the life cycle of the worm and then break it. Using a sketch, describe and discuss in detail the life cycle of tapeworm in any named small ruminants.
3. The livestock sub-sector of the farm animal sector of agriculture plays an important role. Elaborate on any ten (10) economic significance of ruminant animal husbandry.
4. There are basically seven (7) common equipment used in ruminant animal production. List and discuss fully each of them.
5. Write short note on:
 - a. The three (3) common methods of pasture conservation in Nigeria.
 - b. The main differences between oestrus period and oestrous cycle.