

Agriculture and Forestry University  
Faculty of Agriculture  
2080, Ashad

Exam	Internal assessment		
	Level	Bachelor	Full Marks
Program	B.Sc. Ag.	Pass Marks	4
Year and Semester	2 <sup>rd</sup> Year 2 <sup>nd</sup> Semester	Time	10+4 0=50 min

Class Roll No:

Subject: ANU 201, 3(2+1) Animal Nutrition and Feeding Practices.

Attempt all questions.

Multiple Choice questions (0.5\*10= 5)

- Roughages contain ..... % Crude Fibre
  - 15%
  - < 18%
  - > 18%
  - <15%
- Soyabean meal contain around .... % CP
  - 35-38
  - 40-45
  - 50-55
  - 55-60
- Which one is considered as natural antioxidant?
  - Tocopherols
  - Niacin
  - Vitamin A
  - Riboflavin
- Curled toe paralysis is caused by the deficiency of
  - Vitamin B2
  - Niacin
  - Vitamin B12
  - Vitamin K
- The dry roughages requirement per day for 300 kg body weight of cow is
  - 5 kg
  - 6.66 kg
  - 2.5 kg
  - 3.33 kg
- UMMB cannot be fed to cattle between..... age group.
  - 0-6 months
  - 25-48 months
  - 12-24 months
  - None of the above
- Xanthophyll pigment is supplied by..... feed.
  - Corn
  - Rice polish
  - Soyabean meal
  - Molasses
- Pica is caused due to the deficiency of
  - Magnesium
  - Calcium
  - Phosphorus
  - Manganese
- Dry matter requirement for dairy goats is .....% of body weight.
  - 10
  - 3-4
  - 5-7
  - 15
- True stomach in poultry is known as
  - Abomasum
  - Omasum
  - Proventriculus
  - Gizzard

**Long question**

1. Describe about the Carbohydrate digestion process of Ruminant animals. (1.5)
2. Write the function and deficiency of Calcium in livestock animals. (1)
3. Describe about the feeding management and nutrition requirement for Broiler. (1.5)
4. Enlist some common feed additives used for livestock animals and describe any two of them. (1)