

KERALA AGRICULTURAL UNIVERSITY
B.Sc. (Ag) 2003 Admission - V Semester Final Examination
July/August 2006

Anhs 301
Animal Management & Nutrition (1+1)

Max. Marks: 60
Time: 2 hours

PART-A 20x0.5=10 Marks

Answer all the questions.

1. Ketosis is a disease
2. % of moisture is present in piglet body composition
3. is considered to be queen of Non Leguminous fodder.
4. Gestation period of cattle is days
5. Buffalo population in India is million.

Choose the correct answer.

6. The act of parturition in pig is known as
a) Calving b) Lambing c) Lambing d) Farrowing
7. In the process of Artificial Insemination the semen is deposited at
a) Vagina b) Mid cervix c) Horns of Uterus d) Fallopian tube
8. Milk fever is caused due deficiency of
a) Potassium b) Sodium c) Calcium d) Magnesium
9. A viral disease of economic importance affecting livestock is
a) Anthrax b) Ranikhet c) IBD d) Foot and Mouth
10. External parasite can be treated with
a) Albendazole b) Fenbedzole c) Levamisole d) Doramectin

State "TRUE" or "FALSE"

11. Roughages are rich in Protein
12. Hay is a fermented product
13. In cattle when muzzle is moist it is an indication of ill health.
14. Volatile fatty acids are the end product carbohydrate digestion in ruminants.
15. Urea is used to enrich poor quality roughages.

Give the name of:

16. Hormone responsible for letting down of milk is.
17. Name an exotic pig breed of choice for India.
18. The milk secreted immediately after parturition is known as
19. Give the name of a marine protein supplement in calf starter
20. The pH of a very good silage ranges between

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PART-R

Answer all the questions

6x1.0 =6 Marks

- B1. Define Silage
- B2. Mention stages of estrus cycle
- B3. Name two bacterial disease and viral disease affecting cattle.
- B4. Name two "dual" purpose breed and "draught" breeds of cattle.
- B5. Mention the water requirement for a. calf, b. Heifer, c. Cow and d. Bull.
- B6. Name different methods of identification of animals.

PART-C

Answer any "SIX" questions only

6X2.0=12 Marks

- C1. Mention the advantages of rearing pigs.
- C2. Mention four important advantages of artificial insemination
- C3. Classify breeds of cattle with an example.
- C4. Give the breed characteristics of MURRAH.
- C5. Draw the diagram of female reproductive system and name the parts.
- C6. Mention four salient qualities of silage.
- C7. Just enumerate only the various parts in the digestive tract of ruminants.
- C8. Classify feeding standards with an example.

PART-D

Answer any "FOUR" questions only

4X3.0=12 Marks

- D1. Compare Cross Breeding with inbreeding
- D2. Classify feed stuff with an example.
- D3. Classify diseases of cattle with an example.
- D4. Give the importance of livestock in Indian economy.
- D5. Write a shot note on structure of mammary gland.
- D6. How will you assess the age of a cattle.

PART-E

Answer any "FOUR" questions only

4X5.0=20 Marks

- E1. Compute a ration for a dairy cattle weighing 400 kg body weight and giving 12 litres of milk with 4.0% butter fat.
- E2. Discuss in detail the role animal husbandry in Indian Agriculture.
- E3. Discuss in detail care and management of pregnant cow and new born calf.
- E4. Give the basic principles in controlling infectious and contagious diseases.
- E5. Discuss in detail dairying under mixed farming system.