

KERALA AGRICULTURAL UNIVERSITY
B.Sc.(Hons.) Agriculture – 2007 Admission – IIIrd Semester
Final Examination – February/March 2009

Title : Anhs. 2101

Max. marks: 80

Course: Livestock Production and Management (2+1)

Time : 3 hours

I Part A

20 x 0.5 = 10.0

Fill in the blanks

1. Act of parturition in buffalo is.....
2. Castrated male pig is.....
3. Gestation period of goat.....
4. Anthrax in cattle is caused by the bacteria,
5. For successful hatching, chicken egg requires a temperature of° during 1 to 18 days of incubation.
6. In cows duration of estrous cycle varies from.....
7. The floor space required for broiler chicken in deep litter system iscm² per chick
8. Meat of goat is known as
9. Young one of a rabbit is known as.....
10. Act of parturition in pig is.....

State True or False

11. The recommended inter calving period for cow is 12-14 months (T/F)
12. Surti is a breed of Pig (T/F)
13. The system of mating used for improving the qualities of poor producing non-descript cattle of Kerala was cross breeding (T/F)
14. In Kerala, PFA (Prevention of Food Adulteration Act) standards prescribed for cow milk is 3.5% Fat and 9.0% SNF (T/F)
15. Grasses which are comparatively soft on drying are harvested just before flowering and dried under controlled conditions is called dried grass. (T/F)

Match the following

A

16. Mastitis
17. Rabbit
18. Male goat
19. Milk fever
20. Swine

B

- A. Landrace ()
- B. Buck ()
- C. Inflammation of udder ()
- D. Grey giant ()
- E. Calcium ()

III Write answer in a word or sentence or Define

(10 x 1 = 10)

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1. Brooding
2. Prevention of Piglet anaemia
3. Doe
4. Kindling
5. Gilt
6. Balanced ration
7. Varna
8. Weaning
9. Wool sorters disease
10. Colostrum

III Write short notes (Answer on any ten)

(10x 2 = 20)

1. Classification of diseases base on nature of spread
2. Breed characteristics of jersey
3. Grading up
4. Pasteurization of milk
5. Signs of health in cattle
6. Backyard system of poultry rearing
7. Symptoms of Ranikhet disease
8. Care and management of pregnant cow
9. External manifestation of heat in cow
10. Clean milk production
11. Housing of goat
12. Creep feeding

IV Write short essays on any four of the following ;

(4 x 5 = 20)

1. What are the advantages of Artificial Insemination?
2. Briefly describe role of livestock in Indian Agriculture?
3. Write a brief account on care and management of new born calf?
4. Why conservation of fodder is important? Briefly explain methods of fodder conservation?
5. Briefly explain the factors influencing the composition of milk?
6. Explain care and management of farrowing sow and piglets ?

V Write essay on any two of the three questions

(2 x10= 20)

1. Write a detailed account on the basic principles in controlling infectious and contagious diseases?
2. Explain the housing, feeding, breeding and management of Rabbit.
3. Write a detailed account on broiler rearing?