

PRACTICAL EXAMINATION

ASC 3201- DISEASE MANAGEMENT OF FARM ANIMALS

Answer all Questions.

Time: 2 hrs.

1] (a) A calf was died three weeks after birth with the following clinical problems.

- Mark severe lameness.
- Enlargement of the joints.
- High fever.

Answer the following questions.

(i) Briefly describe the possible cause for the death of the calf?

(ii) What are the management practices that you can adopt to avoid the above problem?

(b) (i) What is the common bacterial disease causing lameness in adult cattle, managed under poor sanitary condition.

(ii) State the predisposing factors and the causative bacteria of these above disease.

(iii) How can you treat the affected animal locally?

(iv) What are the control measures that you should conduct to prevent the occurrence of the above problem?

2] (a) (i) Name two contagious bacterial diseases causing sudden death in the cattle population of Sri Lanka.

(ii) Name the bacteria causing the above mentioned diseases.

(iii) Briefly describe the mode of transmission, clinical symptoms and control measures of any one of the disease mentioned above.

(b) (i) What are the clinical signs of a cow suffering from acute mastitis?

(ii) How can you control the above disease?

3] (a) Cerebrospinal nematodiasis is the common problem in goats causing partial or complete paralysis.

- (i) What is the causative agent of the above disease?
- (ii) Briefly discuss the mode of transmission of the disease mentioned above.
- (iii) What are the precautions that you should take to control the above disease?

4] (a) List any three viral diseases which are affecting the commercial broilers and layers.

(b) Briefly discuss the above diseases under the following aspects.

- i. Disease transmission
- ii. Clinical signs.
- iii. Treatment and control.

(c) Coccidiosis is a common disease causing severe production losses in poultry operations.

- (i) How can you diagnose the above condition at the early period of this infection?
 - (ii) What is the importance of early diagnosis?
 - (iii) What are the management practices that you should adopt to control above infection?
-