

M.S. in Surgery; July-December Semester-2020

Subject: Lameness in Animals (Theory)

Course code: LAA-602

Total Marks: 40

Time: 2 (two) hours

Department of Medicine and Surgery; Faculty of Veterinary Medicine
Chittagong Veterinary and Animal Sciences University

(Figures in the right margin indicate full marks.)

Question No. 1 is compulsory. Answer any three questions from the remaining four)

1. (a) What are the common causes and treatment procedures of Laminitis in animals? 04
Mention the role of hoof trimmer to prevent laminitis in ruminants?
(b) Why the sole ulcer is common in dairy cattle of Bangladesh? Mention the line of treatment and prevention methods for sole ulcer in cattle. 03
(c) How do you prevent lameness in dairy cows? 03
2. (a) Foot rot is a sub-acute or acute necrotic infectious disease of cattle-Justify it? 03
(b) Write down the etiology, clinical findings, treatment and control of interdigital dermatitis in cattle? 04
(c) "Laminitis can be managed but not cured"-why? Can laminitis in horses be cured? 03
3. (a) Draw a schematic diagram on clinically important surgical conditions of bovine digit. 04
(b) How often should dairy cows have their hooves trimmed? Mention the procedures of hoof trimming in a dairy cow. 03
(c) Is sand crack common in cattle? Mention the treatment of sand cracks in cattle? 03
4. (a) What are the causes, symptoms and treatment of complicated sole ulcer with draining tract in cattle? 04
(b) Digit amputation is sometimes considered as a treatment option for deep sepsis of the bovine foot-Justify it? 03
(c) Mention the line of treatment for septic arthritis in animals? 03
5. Write short notes on **any two** of the followings:- 2x5=10
 - (a) Hip dysplasia in dog
 - (b) Lameness scoring system with emphasis on back posture in dairy cows
 - (c) Types of claw blocks for ruminants
 - (d) Peroneal paralysis in calves