

Faculty of Veterinary Medicine
Department of Anatomy and Histology
Final Examination of MS in Anatomy
M.S January - June Semester'2014
Subject: Cell Biology and Veterinary Histology
Course Code: CVH-601
Total marks: 40
Time: 2 hours

Figures in the right margin indicate full marks. Answer any **5 (Five)** of the followings:

1. (a) Write down a short note on Mitochondrial genome. 3.0
(b) Define Apoptosis. Write down the processes of Apoptosis. 5.0
2. (a) Liver is a mixed gland. Justify the statement. 3.0
(b) Draw and describe a liver lobule. 5.0
3. (a) What are the components of Juxtaglomerular apparatus? 2.0
(b) With a labelled diagram(s), briefly describe the Hair follicle. 4.0
(c) Draw and label a terminal Bronchiole. 2.0
4. (a) Write down the histology of a Cornea. 3.0
(b) Explain different layers of the epidermis of skin. 5.0
5. (a) What is ossification? Describe Endochondral ossification. 5.0
(b) Draw and label Protoplasmic astrocytes and Fibrous astrocytes. 3.0
6. (a) Write down the differences between Mammary gland and Prostate gland. 4.0
(b) Write a short note on Seminiferous tubules and Neurohypophysis. 4.0

Chittagong Veterinary and Animal Sciences University
Zakir Hossain Road, Khulshi, Pahartoli, Chittagong
Department of Anatomy and Histology
M.S. in Anatomy
Jan- June -2014 (2nd semester)
Final examination
Subject: Developmental Anatomy (theory)
Marks: 40
Time: 2 hour (10 am-12 pm)
Date: 16/06/2014(Monday)

Code : DVA-601

1. Describe the reproductive cycle by the influence of hormones 10
2. Sketch the stages of Oogenesis 05
3. Briefly describe the process of Ovulation 05
4. Describe the steps of growth of embryo. 10
5. Write short notes on 2.5x4 10
 - a. Fertilization b. Cleavage c. Gastrulation and d. Cell proliferation