



RAJARATA UNIVERSITY OF SRI LANKA
FACULTY OF APPLIED SCIENCES

B.Sc. (General) Degree in Applied Sciences
Second Year – Semester I Examination – June / July 2018

ZOO 2201 - ANIMAL HISTOLOGY AND PHYSIOLOGY

Time: Two (2) hours

Answer **One (01)** question from **Section A** and **Two (02)** questions each from **Section B** and **Section C**.

Section A

1. Explain how different compounds are recognized as smells. (100 marks)
2. Describe how the human body is made to receive sound waves. (100 marks)

Section B

3. Describe the diversity of epithelial cells. (100 marks)
4. Explain **four (04)** types of bone tissues. (100 marks)
5. Describe the histology and function of
 - a) cardiac muscles
 - b) skeletal muscles(100 marks)

Section 3

6. Describe the functions of the following neurotransmitters.
 - a) Adrenaline
 - b) Dopamine
 - c) Endorphins(100 marks)
7. Scientists say sexual crimes and aggression are related to testosterone. How would you explain this according to the current research findings? (100 marks)
8. Describe what are pheromones? (100 marks)

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