

**EASTERN UNIVERSITY, SRI LANKA  
THIRD EXAMINATION IN SCIENCE-  
2009/2001(2001/2002)(APRIL 2002)  
SEMESTER-1**

**ZL 301- HUMAN BIOLOGY**

Time: **02** hours.

Answer **all** questions.

(Illustrate your answer with clear, labeled diagram wherever necessary).

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1. What is homeostasis? Illustrate your answer with reference to blood glucose level in man
  
2.
  - a) Make a fully labeled diagram to show the internal anatomy of human kidney.
  - b) Discuss the functioning of
    - i) Bowman's capsule
    - ii) Loop of Henle
  
3. Write an essay on the skeletal adaptations for erect posture in man.
  
4. Briefly describe the anatomy of human eye with a clear labeled diagram and explain the mechanism image formation in the eye.

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