

EASTERN UNIVERSITY, SRI LANKA  
SPECIAL DEGREE EXAMINATION IN ZOOLOGY 2008/09  
Part I – (May-June) 2011

ZL 403 COMPARATIVE ANATOMY



Time : 01 hour

Answer all questions

(Illustrate your answer with clear labeled diagrams where necessary)

1.
  - a) Define serial homology and illustrate your answer by reference to the head appendages of prawn.
  - b) Comment briefly on the gill structure of a named fish.
  - c) Write briefly on the hydrostatic skeleton of an animal you have studied.
2. Describe the structure of the mammalian kidney and compare it with that of an insect.

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