



THE OPEN UNIVERSITY OF SRI LANKA  
FACULTY OF NATURAL SCIENCES  
CERTIFICATE COURSE IN WILDLIFE CONSERVATION AND MANAGEMENT  
BASIC BIOLOGY – PSC 1101  
FINAL EXAMINATION - 2004 / 2005

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DATE: 25.02.2006

TIME: 10.00AM – 12.30 P.M  
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**Answer any FOUR ( 04 ) questions**

**Wherever necessary, answer the questions with labeled diagrams.**

1. ( a ) Describe the structure and function of the typical animal cell.  
( b ) What are the differences between plant cell and animal cell .
2. Briefly discuss the skeletal systems found in different animal groups.
3. Explain the defensive mechanisms seen in vertebrate animals.
4. Write an account on the different type of locomotory structures found in animals.
5. List the characteristic features of following groups of plants
  - (i) Algae
  - (ii) Bryophytes
  - (iii) Ferns
  - (iv) Angiosperms
6. Write short notes on any three ( 03 ) of the following.
  - ( i ) Flightless birds
  - ( ii ) Features characteristic to fungi
  - (iii) Respiratory organs of invertebrates
  - ( iv ) Differences between monocot and dicot plants.

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