



THE OPEN UNIVERSITY OF SRI LANKA
FOUNDATION PROGRAMME IN SCIENCE- 2006/2007
LEVEL -1 – PSF 1306/PSF1306
ZOOLOGY
OPEN BOOK TEST – 1

Date - 20th July 2006

Time - 2.30pm- 3.30pm

Reg. No.

Answer all questions

PART I

Part I consists of 20 multiple – choice questions. Indicate your answer by placing “X” in the relevant cage of the answer box.

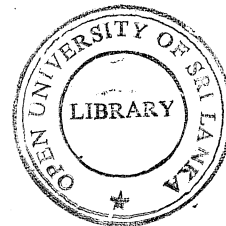
PART II

Answers for the structured essay questions should be written in the space provided in the question paper.

Please hand over the question paper along with the answer sheets.

ANSWER BOX

	(i)	(ii)	(iii)	(iv)
1.1				
1.2				
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1.13
1.14
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1.16
1.17
1.18
1.19

PART II

2.
Answer all questions

2.1 What is a species ?

2.2 Name the four kingdoms into which organisms are classified

2.3 In naming organisms what is the advantage of using a scientific names against the use of common names ?

2.4 What is binomial nomenclature ?

2.5 What are the international rules followed in the binomial nomenclature

2.6 Name five different classes of phylum chordata.

2.7. (i) Figures A and B show two stages of mitosis. Name these stages and write below **three** major events taking place during each of these stages.

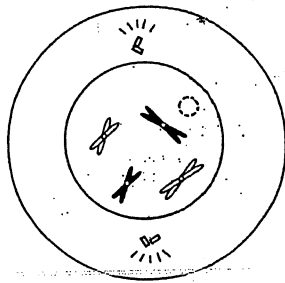


Fig. A

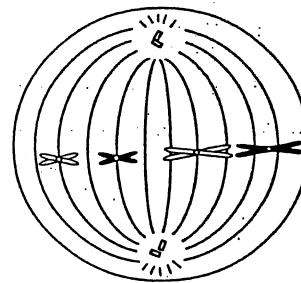


Fig. B

(ii) State the significance of mitosis.

2.8 Name the nucleic acid found in chromosomes in the above figure.

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2.9 Describe the structure of the nucleic acid you mentioned in 2.8 above.

2.10 State two functions of the nucleic acid you mentioned in 2.8 above
