

THE OPEN UNIVERSITY OF SRI LANKA  
 B.Sc. DEGREE PROGRAMME 2017?2018  
 COURSE TITLE: MAMMALIAN BIOLOGY -LEVEL 5  
 COURSE CODE: ZYU5307  
 NO BOOK TEST I  
 DATE: 17.06.2018  
 TIME 2.30 p.m- 3.30 p.m



REGISTRATION NO: .....

Part - B (50 marks)

2.1 Fill the table with appropriate answers (30 marks)

	Ant eater	Vampire bat	Cow
1. Type of food			
2. Adaptations in teeth			
3. Adaptations in jaw muscles			

4. Adaptations in the digestive tract			
5. Adaptations in limbs			

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2.2 Camel has many adaptations that help them survive successfully in dry and arid climates in which there is shortage of water and high environmental temperature. Briefly explain the functions of the following structural adaptations of camels for their survival in dry and arid regions (20 marks).

1. Thick pelage/fur coat

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2. Large humps

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3. Large foot pads

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4. Tall and large size

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5. long loop of henle, and a well-developed medulla

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