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0172-531 APRIL 2017 Level 3 Animal Management – Theory Exam Written

If provided, stick your candidate barcode label here.	Wednesday 26 April 2017 13:30 – 15:00	nanged. ecification
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General Instructions

- Short answers are required.
 The maximum marks for each section within a question are shown.
 Answer all seventeen questions.



2 a) Define the term notifiable disease. (1 b) Name one notifiable disease in animals and two signs/symptoms. (2 m) 3 Explain the procedure to follow if it is suspected that an animal in the UK has a	ril 2017
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4 a)	Name three different routes of medicine administration and discuss the procedure required for each .	(3 marks)
b)	Discuss the use of the following items commonly found in a first aid kit. i) Sterile dressing materials.	
	 ii) Rectal thermometer. iii) Cotton wool. iv) Poultice. v) Gloves. 	(5 marks)
5 De	scribe one function of each of the following nutrients.	
a) b) c)	Carbohydrates. Protein. Water.	(3 marks)

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Define the term digestible energy (DE).	(1 mark)
Discuss how nutrients are digested in the hind gut of the rabbit.	(4 marks)
Compare the diet of a juvenile and adult dog.	(3 marks)
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Evaluate three factors that should be considered in the feeding plan for a rodent.	(3 marks)

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10	Describe three natural behaviours of any member of the feline family during hunting activities.	(3 marks)
11	Discuss how the behaviour of the Syrian hamster is linked to its environment.	(1 mark)
12	Outline two atypical behaviours of zoo animals caused by enforced confinement.	(2 marks)
13	Define the following terms in the context of the social behaviour of animals giving one example for each. a) Hierarchy. b) Agonistic behaviour. c) Social bonding affiliative behaviour.	(2 marks) (2 marks) (2 marks)

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'k)	4 Outline the principle of natural selection in animals.	14
s)	5 Give two examples of how animals are perceived in different human cultures or religions.	15
s)	6 State and describe two breeding problems in an animal that might have an impact on fertility.	16
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17 A dog breeder has a healthy, medium sized, 4 year old, pure bred, entire dog. They have decided to put him to stud and are now looking for a suitable mate/bitch of the same breed.

Outline the steps that would be required to ensure that the bitch is a suitable mate for the dog, including behavioural traits, and any health and feeding implications. In order to maximise the success of the breeding programme, discuss and justify the reproductive management and welfare of the animal from oestrus and copulation to gestation and parturition.

(12 marks)

