

Environmental and Land Science

General Certificate of Secondary Education **B494/01**

Care of Small Animals

Mark Scheme for June 2010

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All Examiners are instructed that alternative correct answers and unexpected approaches in candidates' scripts must be given marks that fairly reflect the relevant knowledge and skills demonstrated.

Mark schemes should be read in conjunction with the published question papers and the Report on the Examination.

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Question	Expected Answers	Marks	Additional Guidance
1	rabbit snake budgerigar hamster 	2	4 correct = 2 marks 3 or 2 correct = 1 mark 1 or 0 = no mark
2	milk is produced young develop inside mother young develop inside an egg	2	3 correct = 2 marks 2 or 1 correct = 1 mark
3	markings;	1	
4	a correct place on diagram;	1	Allow anywhere on caecum including appendix
	b to break down fibre;	1	
5	growth;	1	
6	tetanus;	1	
7	to help the movement of food through the gut;	1	

Question		Expected Answers	Marks	Additional Guidance
8		nose - discharge; ora coat - dull / matted; ora droppings - loose / parasites seen / bloody; ora behaviour - scratching / not eating / inactive / isolated; ora	4	
9		any 2 from water easily becomes soiled / contaminated / with faeces / bedding; tips over; spilt water rots floor / provides damp area for disease	2	Reject cannot reach
10	a	leather gloves for any mammal - avoid bite;	1	any valid justification for any type of glove eg glove prevents disease spread
	b	rubber gloves for reptiles - avoids warming them with hand / smooth texture on scales;	1	
11		escape, qualified ie burrow out; catch a disease from wildlife; scared / attacked by hawk / fox / cat / dog;	2	Allow exposure to <u>strong</u> sunlight Allow predator

Question		Expected Answers	Marks	Additional Guidance
12		in box / cage - so do not escape / be hazard to driver and cause accident; boxes secured - so animals not thrown about; box with air holes - so they can breathe; box not crushable - so animal is not squashed; limit number of animals in box - to prevent overheating / fighting; no water in box- can spill and wet animal; cage covered - to prevent stress	2	Reject contained / not free in car without qualification Allow stop for feed and watering qualified reference to car overheating
13	a	Syrian;	1	
	b	Roborovskii's;	1	
14		any 2 from: <i>Campbell's</i> larger; easy to handle; not aggressive	2	
15		21 000 (4 times greater);	1	Reject increase described as a trend
16		20%	1	

Question	Expected Answers	Marks	Additional Guidance
17	as for breed eg Dutch rabbit - medium size / 4-5lbs; - white V down nose / neck & shoulder white; - cobby; - short ears;	3	no mark for type or breed. if breed can be identified, then award marks. max of 1 mark for describing a characteristic of an animal
18	any 2 from: working dogs (any) include guide dogs; security / protection; hunting; entertainment; research (medical); food; competition; conservation of breeds; education; breeding to sell	2	Reject pet features eg companionship / pleasure
19	breed / select animals with required features, line breed to fix features; mate best with the best over several generations; out cross with males with key feature; do not inbreed;	3	Reject brother -sister mating
Total		36	

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