

0172-543/043 June mark scheme – Technical in Animal Management (Animal Management pathway)

Q	Acceptable answer(s)	Guidance	Max mks	Ref
1a	1 mark for each correct expansion Temperature, Pulse, Respiration		1	315-1.1 AO1
1b	1 mark for each correct expansion Bright, Alert, Responsive		1	315-1.1 AO1
2	1 mark for each symptom, maximum of 2 marks. <ul style="list-style-type: none"> • Fever • Vomiting • Severe diarrhoea • Dehydration • Inability to drink • Frothing around the mouth • Inability to eat. Any other appropriate response.		2	315-1.4 AO1
3	Maximum of 6 marks: <ul style="list-style-type: none"> • isolation (1) of the patient to limit disease spread (1) • antibiotics (1) to reduce the severity and length of the infection (1) • anti-cough medication (antitussants) (1) to reduce coughing (1) Any other appropriate answer		6	315-1.4 AO2
4	Minor surgery but not into a body cavity (1)		1	315-2.1 AO2

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5	<p>1 mark for each of the following, maximum of 6 marks</p> <ul style="list-style-type: none"> • Comes under the Animal Boarding Establishments Act 1963 • Animals kept in suitable accommodation • Suitable food, bedding, exercise and enrichment • Visited at suitable intervals • All measures taken to prevent disease spread • Protection of animals in case of fire • Register kept to document animals in establishment <p>Any other appropriate response.</p>		6	327-1.3 AO2
6	<p>1 mark for any of the following, maximum of 2 marks</p> <ul style="list-style-type: none"> • Labrador Retriever • Golden Retriever • Springer spaniel • Cocker spaniel <p>https://www.thekennelclub.org.uk/services/public/breed/Default.aspx?group=GDGS</p> <p>Any other appropriate response</p>		2	327-3.3 AO1
7	<p>Maximum of 2 marks:</p> <ul style="list-style-type: none"> • Animal welfare act 2006 • Health and safety at work act 1974 • RIDDOR • COSHH • PUWER • Data Protection Act <p>Any other appropriate answer.</p>		2	327-2.1 AO1
8	<p>1 mark for each of the following, maximum of 4 marks.</p> <ul style="list-style-type: none"> • provide enrichment to stimulate the dog (1) • provide human companionship/interaction (1) • minimise excessive noise (1) • Well lit kennel • Comfortable bed • Reduce visual stimulants • Increase exercise outside of kennel • offer highly palatable food to encourage the dog to eat (1) • hand feed if necessary to aid/encourage consumption and monitor food intake (1) • avoid unnecessary conspecific interactions (1) • ensure food is presented ad-lib • avoid over excitement 		4	327-3.2 AO2

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	Any other appropriate response			
9	<p>1 mark for each of the following, maximum of 3 marks.</p> <ul style="list-style-type: none"> • Employment Act 2002 • National Minimum Wage Act 1998 • Working times regulation act 1998 • Equality Act 2010 <p>Any other appropriate response</p>		3	364-2.3 AO1
10	<p>1 mark for each factor and 1 mark for each explanation and 1 mark for each example, maximum of 6 marks</p> <p>Political (1)– enforcement of legislation (1) e.g badgers – TB or trading/consumer choice/bias (1) Economic (1) – Funding/growth or deficits of profits/economic climate (1) e.g. recessions reducing spending (1) Sociocultural (1) – gender/experience and skills/social status (1) e.g. closed for bank holidays/Christmas (1) Technological (1)– access to resources/systems going down/workplace location (1) e.g. issues with service providers. (1)</p> <p>Any other appropriate response.</p>		6	364-3.1 AO2
11	Speciation – Populations evolving to become their own distinct species		1	308-1.1 AO1
12	<p>1 mark for any of the following, maximum of 2 marks (award a mark for either how it affects population or an example.)</p> <ul style="list-style-type: none"> • Weather can affect circadian rhythms/birds lay eggs earlier in year (1) • Loss of habitat/sea levels rise and turtle nesting beaches flood (1) • Migration patterns affected/some birds do not migrate anymore due to better weather in home country (1) • Resource availability (1) <p>Any other appropriate response.</p>		2	308-1.3 AO1

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13	<p>1 mark for any of the following, maximum of 4 marks.</p> <ul style="list-style-type: none">• Availability of resources• Climate/seasonal change• Breeding grounds• Nesting opportunities. <p>Any other appropriate response.</p>	Accept multiple examples of resources with different explanations e.g. food, shelter	4	308-1.1 AO2
14a	<p>1 mark for definition and 2 marks available for examples.</p> <p>Primary – Animal that eats the primary product for example grass (1) – examples – Wildebeest (1), sheep (1).</p>		3	308 AO2
14b	<p>1 mark for definition and 2 marks available for examples.</p> <p>Secondary – Animal that eats a primary animal (1) examples – Lion (1), Fox (1).</p>		3	308 AO2

15	<p>Band 1 (1-4 marks): The candidate gave a basic discussion of the introduction of a wild animal into a captive social group with limited consideration to the life stage of the animal. Key points in relation to the welfare of the animal were referenced but clear gaps were present and limited understanding of the topics were shown. Technical terminology is used infrequently or inaccurately.</p> <p>To access the higher marks in the band, the candidate will have attempted to provide some reference to the behaviour of the animal.</p> <p>Band 2 (5-8 marks): The candidate gave a detailed discussion of the introduction of a wild animal into a captive social group with detailed consideration to the life stage of the animal. Key points in relation to the welfare and behaviour of the animal were clearly referenced with some gaps present and a detailed understanding of the topics were demonstrated. Technical terminology is used frequently with minor inaccuracies</p> <p>To access the higher marks in the band, ethical considerations have briefly been discussed but these may not be linked back to the welfare and life stage of the animal.</p> <p>Band 3 (9-12 marks): The candidate gave a comprehensive discussion of the introduction of a wild animal into a captive social group with in-depth consideration to the life stage of the animal. Key points in relation to the welfare and behaviour of the animal were referenced thoroughly, including atypical behaviours, and a detailed understanding of the topics was demonstrated. Technical terminology is used often and accurately. Ethical considerations have been discussed in detail with clear links made to the welfare and life stage of the animal.</p> <p>To access the higher marks in the band, the candidate will provide a comprehensive discussion, with valid justifications, which considers the long term impacts of the care of the animal.</p>	<p>Indicative content:</p> <ul style="list-style-type: none"> • Introduction to a social group • Quarantine – to prevent disease spread/ to reduce stress/ easier to observe • Routine health check - Parasite: host (flea, worms etc)/ Vaccinations • Ethical considerations of captivity • Atypical behaviours • Observation records • Animal Welfare Act 2006 • Reporting of Injuries, Diseases and Dangerous Occurrences Regulations (RIDDOR). 	12	<p>327: 3.2, 308: 3.1 315: 3.1, 3.2 and 3.3 A04</p>
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