

0172-531/031

Underline essential technical terms to be seen in the answer

Embolden **and**, **not** or **or** within the answer to clarify requirements for the mark,

Use brackets to indicate text that is extraneous for the mark (but supports examiner understanding)

Use slash to separate alternative/equivalent acceptable terms within an answer

Standard wording:

*Do **not** accept..... (Expected responses that are incorrect but close)*

*Answer must focus on..... and **not**..... (Clarification of the required focus/ clarifies boundary between acceptable and unacceptable – word ‘focus’ can be replaced as appropriate – capture, explain, elicit, highlight etc)*

Allow..... (Answers that may be on the boundary of acceptable – elaborate to clarify if necessary – usually added at standardisation)

Q	Acceptable answer(s)	Guidance	Max mks	Ref
1a	1 mark for the following, maximum of 1 mark. Suitably Qualified Person (SQP)	Accept (SQP) Accept pharmacist	1	303-4.1 AO1
1b	1 mark for any appropriate treatment, maximum of 1 mark. <ul style="list-style-type: none"> • Anti-tick treatment • Worming treatment Any other appropriate response.		1	303-4.1 AO1
2a	1 mark for any of the following, maximum of 1 mark. <ul style="list-style-type: none"> • Canine distemper • Canine parvovirus • Kennel cough • Leptospirosis • Parainfluenza 	Do not accept rabies	1	303-2.3 AO1
2b	1 mark for any of the following, maximum of 2 marks. <ul style="list-style-type: none"> • Two vaccinations, initial within the first 6 weeks (1), a second (booster) 2-4 weeks later (1) and an annual booster (1). • Kennel cough - Administered from 2 weeks (1) with an annual booster (1). Any other appropriate response.	Accept 6-8 weeks Accept answer if when vaccinations occur is correct, even if the disease identified in 2a is incorrect.	2	303-2.3 AO1

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3	<p>1 mark each for the following, maximum of 6 marks</p> <ul style="list-style-type: none"> • Assess the area for danger (1) • Restrain the animal (1) to prevent further injury (1) • Ensure the airways are clear (1) to allow proper breathing (1) • Stop/reduce blood loss by applying pressure (1), apply bandage/tourniquet (1) • Keep the animal warm (1) to prevent further loss of temperature (1) • Seek immediate veterinary treatment (1) 	<p>Maximum of 3 marks for listing actions.</p> <p>Accept reassurance/comfort the animal.</p> <p>Accept covering the head.</p> <p>Accept seek veterinary advice.</p>	6	303-4.1 AO2
4a	<p>1 mark for definition, 1 mark for example of airborne disease, maximum of 2 marks.</p> <p>Definition: Disease that can be transmitted through the air (1)</p> <p>Example of airborne disease: influenza (1)</p> <p>Any other acceptable airborne disease.</p>		2	303-2.1 AO2
4b	<p>1 mark for any of the following, maximum of 4 marks.</p> <ul style="list-style-type: none"> • Can be transmitted without direct contact with the host animal (1) • The disease can survive within the atmosphere within a period of time (1) • More difficult to prevent than other types of disease transmission (1) • Control of the disease is through altering the environment/accommodation/ e.g. control through putting up sneeze barriers (1). <p>Any other appropriate response.</p>	<p>Accept atmosphere or environment.</p> <p>Take the disease into consideration if mentioned.</p>	4	303-2.1 AO2

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5	<p>1 mark for each nutrient, maximum of 5 marks.</p> <ul style="list-style-type: none"> a. Carbohydrates – major source of energy/major source of fibre/improves bowel movement (1) b. Protein – cell or tissue growth and repair/source of essential amino acids (1) c. Water – cell hydration/aids digestion/transportation of nutrients (1) d. Fats/Oils – improves skin or coat condition/lubricates joints/energy storage (1) e. Vitamins – improves skin or coat condition/muscle growth/blood cell production or blood clotting/skin or cell production (1) <p>Any other appropriate response.</p>	<p>b. Accept growth and repair. c. Accept just hydration. Accept temperature regulation plasma. d. Accept insulation. e. No mark awarded for correct vitamin with incorrect function.</p>	5	304-1.1 AO1
6a	<p>1 mark for the following, maximum of 1 mark. Describes how the water should be presented to the animal (1) Any other appropriate response.</p>	<p>Accept if the way the water is provided is justified. Accept why or how water is provided.</p>	1	304-4.1 AO2
6b	<p>1 mark for the following, maximum of 1 mark. An animals diet should be specific for species (1) suitable for the life stage of the animal (1) Any other appropriate response.</p>	<p>Accept condition of the animal. Accept health of the animal.</p>	1	304-4.1 AO2
6c	<p>1 mark for the following, maximum of 1 mark. The animal will become emaciated if not given enough food (1) the animal will become obese if given too much food (1) Any other appropriate response.</p>	<p>Accept wastage and cost. Accept explanation relating to specific life stage/working breed. Accept health of the animal. Accept condition of the animal.</p>	1	304-4.1 AO2
7	<p>1 mark for any of the following, maximum of 8 marks.</p> <ul style="list-style-type: none"> • High protein levels (1) for growth and muscle repair (1). • High carbohydrates (1) to meet energy demands (1). • Lower levels of fibre (1) to reduce gut fill during activity (1). • Increased water to be provided (1) due to fluid loss during activity (1) • May need vitamin supplements (1) due to high activity (1) • May need calcium supplements (1) for bone strength (1) • Smaller meals provided at regular intervals (1) • Not feeding prior to activity (1) <p>Any other appropriate response.</p>	<p>Maximum of 4 marks for listing dietary requirements. Accept fed animal little and often or morning, noon and night.</p>	8	304-3.2 AO2
8	<p>1 mark for any of the following, maximum of 3 marks.</p> <ul style="list-style-type: none"> • Excessive grooming • Inappropriate spraying • Defecating outside of the litter tray • Excessive scratching or biting 	<p>Accept pacing. Accept change in behaviour or atypical behaviour. Do not accept weaving.</p>	3	305-1.3 AO2

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	<ul style="list-style-type: none"> • Increased vocalisation • Inappropriate sexual behaviour <p>Any other appropriate response.</p>			
9	<p>1 mark for each comparison, maximum of 4 marks.</p> <ul style="list-style-type: none"> • Wild wolves stalk and catch their own food, whereas captive wolves are fed at predetermined times so have no need to hunt (1) • More competition/aggression amongst wild wolves due to prey availability whereas captive wolves are more docile at feeding times as food is plentiful (1) • Wild wolves live in packs with a natural, clear hierarchy whereas captive wolves are managed by keepers so don't enforce their own hierarchy (1) • Wild wolves are naturally fearful of humans whereas captive wolves have become habituated/used to humans (1) • Wild wolves have a natural selection of social group/mates, whereas captive wolves have controlled breeding (1) <p>Any other suitable behavioural comparison.</p>	Mark awarded for each comparison as the second part of each answer will typically state the opposite of the first part.	4	305-1.3 AO2
10a	<p>1 mark for definition, 1 mark for each example of instinctive behaviour (maximum of 2 marks), maximum of 3 marks overall.</p> <p>Definition: Instinctive behaviour is apparent from birth (1) and hasn't been taught or learned from another animal (1)</p> <p>Examples of instinctive behaviour:</p> <ul style="list-style-type: none"> • A new born lamb will try to stand and find the teat to suckle (1) • A bird building a nest (1) <p>Any other appropriate response.</p>		3	305-3.2 AO2

10b	<p>1 mark for definition, 1 mark for each example of learned behaviour (maximum of 2 marks), maximum of 3 marks overall.</p> <p>Definition: Learned behaviour is acquired over time/not apparent at birth (1) in response to a specific set of circumstances (1)</p> <p>Examples of learned behaviour:</p> <ul style="list-style-type: none"> • A group of sheep will run towards the feeder when the farmer shakes a bucket of food (1) • An unhandled young horse will not automatically pick up its foot for you the first time it is asked. However, it soon learns the routine once it has been repeated a couple of times (1) <p>Any other appropriate response.</p>		3	305-3.2 AO2
11a	<p>1 mark for correct description, maximum of 1 mark.</p> <p>a. Oestrogen makes the female animal more receptive to the male.</p> <p>Any other appropriate response.</p>		1	305-3.3 AO1
11b	<p>1 mark for correct description, maximum of 1 mark.</p> <p>a. Adrenalin aids fight or flight response.</p> <p>Any other appropriate response.</p>	Accept aggression or running away/hiding.	1	305-3.3 AO1
12	<p>Band A (1 – 4 marks) – The candidate produced a brief proposal with limited consideration of the characteristics of the dog in the scenario. Key points in relation to health and behaviour are described, but with clear gaps in knowledge and limited understanding of the topics shown. Few or no examples of care requirements including diet were included in the proposal, with suggestions made may not always relevant or appropriate. Few or no links were made throughout the proposal between the care of the dog and its individual needs. Technical terminology is used infrequently or inaccurately.</p> <p>To access the higher marks within the band, the candidate will have attempted to provide some justifications for their recommendations, but these may not all be valid.</p> <p>Band B (5 - 8 marks) – The candidate produced a detailed proposal which considers the characteristics of the dog in the scenario. Key points in relation to health and behaviour are described, with occasional gaps in knowledge shown. A range of examples of care requirements including diet were included in the proposal and were often relevant to the scenario. Some links were made between the care of the dog and its individual needs. Technical terminology is used frequently, with minor inaccuracies.</p> <p>To access the higher marks within the band, the candidate has included detailed and valid justifications for their recommendations.</p>	<p>Indicative content:</p> <ul style="list-style-type: none"> • Dietary requirements of adult dogs and different life stages • Nutritional deficiencies • Unknown history of the diet • Signs of health and health checking • Welfare and prevention of disease, including methods of care and preventative treatment • Legislation e.g. Animal Welfare Act • Accommodation needs • Unknown behaviour history, including factors which may have or will influence behaviour • Atypical behaviour • Methods of integrating with other dogs, including communication and social grouping • Handling and restraint, including equipment • Health and safety 		<p>303: 1.1, 1.2, 2.2, 2.4, 5.1 and 5.2.</p> <p>304: 1.1, 2.1, 3.1 and 4.1</p> <p>305: 1.1, 1.2, 3.3, 4.1 and 4.2.</p> <p>AO4</p>

	<p>Band C (9 - 12 marks) – The candidate produced a comprehensive proposal which thoroughly considers the characteristics of the dog in the scenario. Key points in relation to health and behaviour were clearly described and presented in a logical sequence. A wide range of examples of care requirements including diet were included in the proposal and were relevant to the scenario throughout. Links were made throughout between the care of the dog and its individual needs. Technical terminology is used accurately throughout.</p> <p>To access the higher marks within the band, the candidate has included coherent justifications for their recommendations and related this to the Animal Welfare Act 2006.</p> <p>For no awardable content, award 0 marks.</p>			
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