

Qualification title: Level 3 Advanced Technical Certificate in Land and Wildlife
(0173-32)

Test title: 0173 Conservation

Version: March 2018 Mark scheme

Q	Acceptable answer(s)	Guidance	Max marks
1	<p>Answer:</p> <ul style="list-style-type: none"> - Internet -social media/Twitter/Facebook/ Geocaching - GPS - Phone apps <p>1 mark for any of the above (maximum 2 marks)</p>	<p><i>Accept and award marks for any other appropriate answer.</i></p>	2
2	<p>Answer:</p> <ul style="list-style-type: none"> - More vehicles and people in the area - Damage to honey pot area - House prices rise in the area - Seasonal economy <p>1 mark for each up to 3 marks.</p>	<p><i>Accept and award marks for any other relevant response.</i></p>	3
3	<p>Answer:</p> <p>a) The process of fencing land (1mark), from common to private property. (1 mark)</p> <p>2 marks for correct definition.</p> <p>b) The land was under the control of the farmer (1), so the farmer could change the farming methods. (1) This increased the farmer’s power base/wealth/influence (1)</p> <p>Up to 3 marks for explanation.</p>		5
4	<p>Answer:</p> <p>Organisation</p> <ul style="list-style-type: none"> - The National Trust - The Royal Society for the Protection of Birds - The Woodland Trust - Countryside Alliance - Angling Trust - Go Ape <p>1 mark for naming one organisation.</p> <p>Description of its aims</p> <p>5b. The Woodland Trust -</p>	<p><i>Accept and awarding any acceptable description of relevant aims.</i></p>	5

	<p>Aim 1: To plant more trees for the benefit of wildlife and people. Aim 2: To restore ancient woodland for the benefit of wildlife and people. Aim 3: To plant more native trees.</p> <p>2 marks for description of one aim 2 marks for description of a different aim</p>		
5	<p>Answer:</p> <p>National Vegetation Classification. 1 mark for the correct answer.</p>		1
6	<p>Answer:</p> <p>Widely-spaced trees with domestic animals grazing the open areas in-between the trees. 1 mark for correct definition.</p>		1
7	<p>Answer:</p> <ul style="list-style-type: none"> - 1900 – British woodland resources had been declining since the Middle Ages reaching 5% of land area at this time. - Start of First World War could not rely on timber imports - Forestry Act – set up the Forestry Commission and gave it the responsibility for woods in England, Scotland, Wales and Ireland. - Forestry Acts main policy was to rebuild and maintain strategic timber reserves as stocks were depleted by the First World War. They were given freedom to acquire and plant land due to post-war inflation this was cheap. - Public concern over blanket conifers led to a change in policy from block planting of conifers to the inclusion of amenity planting – with hardwoods alongside roads and stream sides. - After the Second World War restoring the forest became a priority for the Commission – planting with broadleaves, and it also saw the beginning of the research work carried out. - Grants for woodland planting - Felling licences - Disease control and guidance - Research 	<p><i>Accept and award marks for any acceptable response.</i></p>	6

	1 mark for each up to 6 marks.		
8	<p>Answer:</p> <p>a:</p> <ul style="list-style-type: none"> - Cutting the stem back to ground level and allowing regrowth <p>1 mark for correct definition.</p> <p>b:</p> <ul style="list-style-type: none"> - Hazel - Sweet chestnut - Oak - Hornbeam <p>1 mark for each up to 2 marks.</p> <p>c</p> <ul style="list-style-type: none"> - hardhats - safety boots / safety wellingtons - gloves - Eye protection <p>1 mark for each up to 1 mark.</p>		4
9	<p>Answer:</p> <p>Quadrats (1 mark) recording information from a number of quadrats can generate a representative sample of the whole area. (1 mark)</p> <p>Line transects (1 mark) this will illustrate how species change along the sample area. (1 mark)</p>	<i>Accept and award marks for any other acceptable and relevant answer.</i>	4
10	<p>Answer:</p> <p>Indicative content</p> <ul style="list-style-type: none"> - Risk assessment. - Remove fallen trees from the path. - Contact contractor if windblow chainsaw certificate is not held. - Legal obligation relating to footpath access. - Presence of unsafe trees may be an issue for recreational groups. - Physical damage to site. - Cost of repairing damage. - Temporarily restrict public access. - Tree safety inspection regime. <p>Band 1: 1 – 3 marks</p> <p>Basic discussion, showing some understanding of estate management. The answer will only address either immediate or future actions. There will be</p>		9

	<p>little or no specialist terms. Answer may be disorganised and ambiguous.</p> <p>Band 2: 4 - 6 marks Some discussion, showing an understanding of estate management and concerns related to public welfare. There will be some use of specialist terms, although they may not always be used appropriately. The information is presented mostly in a structured format.</p> <p>Band 3: 7 - 9 marks Thorough discussion, showing a clear understanding of estate management, concerns related to public welfare and legal obligations. Specialist terms will be used correctly and appropriately. Information will be presented in a structured format.</p>		
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