

Level 2 Technical Certificate in Land and Wildlife (0173-20)


Sample External Test


Duration: 1 hour 30 minutes

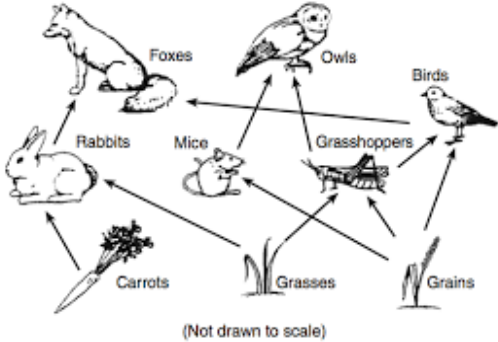
SAMPLE

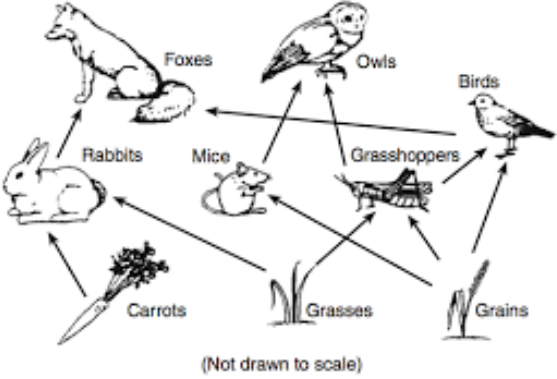
No	Test spec ref	Question	Key
1	202 1.1 AO1	What skills are required for the job role of assistant on an estate maintenance team? <ul style="list-style-type: none"> a. Fencing, hedging, habitat management b. Incubation and game bird rearing c. Game and wildlife management d. Fish production and re-stocking 	A
2	202 1.1 AO2	What is the role of an assistant nature reserve warden? <ul style="list-style-type: none"> a. To produce habitat management plans, apply for grant funding, manage budgets b. To assist with the production of work plans, carry out surveys, supervise reserve staff c. To assist with practical tasks, run visits to the reserve and supervise volunteers d. To survey habitats, organise contractors, manage and lead visits to the reserve 	C
3	202 1.2 AO1	Which statutory organisation has responsibility for issuing flood warnings? <ul style="list-style-type: none"> a. Natural England b. Environment Agency c. Forestry Commission d. Joint Nature Conservation Committee 	B
4	202 1.2 AO2	Which one of the following organisations regulates wildlife licensing? <ul style="list-style-type: none"> a. Forestry Commission b. Natural England c. Joint Nature Conservation Committee d. Royal Society for the Protection of Birds 	B
5	202 1.3 AO2	What would an employee who works 40 hours per week from April to September be classed as? <ul style="list-style-type: none"> a. Full time b. Seasonal c. Part time d. Self employed 	B
6	203 1.1 AO1	What is a whacker plate used for? <ul style="list-style-type: none"> a. Hedge cutting b. Laying a surface c. Tree felling d. Clearing arisings 	B
7	203 1.1 AO2	Which one of the machines below is used for grass cutting? <ul style="list-style-type: none"> a. 	D




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		<div> </div> <p>Source: http://www.landscapeonline.com</p> <p>b.</p> <div> </div> <p>Source: https://grassequipment.co.uk</p> <p>c.</p> <div> </div> <p>Source: http://agrihort.co.uk</p> <p>d.</p> <div> </div> <p>Source: www.china-direct-buy.com</p>	
8	203 1.2 AO1	<p>What are the main hazards when using a loader at height?</p> <ol style="list-style-type: none"> <li>a. Uneven ground and wildlife <li>b. Wildlife and weather conditions <li>c. Overhead power lines and uneven ground <li>d. Overhead power lines and low flying aircraft 	C




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9	203 1.2 AO1	<p>What is the purpose of a chain harrow?</p>  <p>Source: www.williamhackett.co.uk</p> <ul style="list-style-type: none"> a. Lifting loose material to remove stones b. Aerating the soil and improving the drainage c. Breaking up and smoothing the surface of the soil d. Turning over the upper layer of the soil and burying weeds 	C
10	203 2.1 AO1	<p>What PPE must be worn when using a sit astride all-terrain vehicle (quad bike)?</p> <ul style="list-style-type: none"> a. Gloves b. Helmet c. Goggles d. Hi-viz clothing 	B
11	203 2.2 AO1	<p>When is the best time to check the engine oil on an ATV?</p> <ul style="list-style-type: none"> a. At the start of the day b. Before starting machine c. After starting machine d. At the end of the day 	B
12	203 2.2 AO2	<p>Before using a 4x4 vehicle what essential checks must be carried out?</p> <ul style="list-style-type: none"> a. Oil, fuel, seats and heating b. Oil, water, fuel and tyre pressures c. Oil, water, air conditioning and seats d. Oil, fuel, windscreen wipers and seats 	B
13	203 2.3 AO1	<p>When is the best time to refuel a diesel tractor?</p> <ul style="list-style-type: none"> a. At the end of the working day b. When the engine is cold c. During the middle of the day d. When the engine is hot 	B
14	203 2.4 AO2	<p>What is the main purpose of carrying out inspection checks on equipment?</p> <ul style="list-style-type: none"> a. To ensure safe operation and maintenance b. To update records with replacement dates c. To conduct an inventory of all equipment on site d. To ensure use of correct personal protective equipment 	A
15	204 1.1 AO1	<p>What is the type of habitat shown in the image below?</p>	D


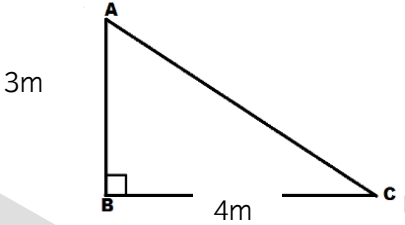
No	Test spec ref	Question	Key
		 <p>Source: http://jncc.defra.gov.uk</p> <ul style="list-style-type: none"> a. Farmland b. Grassland c. Deciduous woodland d. Moorland 	
16	204 1.1 AO1	<p>In which habitat are Red Grouse most likely to be found?</p> <ul style="list-style-type: none"> a. Woodland b. Moorland c. Grassland d. Urban 	B
17	204 1.1 AO1	<p>Which of the following tree species is deciduous?</p> <ul style="list-style-type: none"> a. Douglas fir b. Scottish pine c. Horse chestnut d. Common juniper 	C
18	204 1.1 AO1	<p>In which habitat are Grey Partridge most likely to be found?</p> <ul style="list-style-type: none"> a. Farmland b. Woodland c. Ponds d. Urban 	A
19	204 1.1 AO1	<p>What are the main characteristics of a moorland habitat?</p> <ul style="list-style-type: none"> a. Arable, lowland b. Wet, marginal grassland c. Densely populated with trees d. Open, inaccessible upland 	D
20	204 1.1 AO1	<p>In which habitat are Red Squirrel most likely to be found?</p> <ul style="list-style-type: none"> a. Farmland b. Woodland c. Grassland d. Moorland 	B
21	204 1.2 AO1	<p>What does the term topography mean?</p> <ul style="list-style-type: none"> a. Soil type b. Flora and fauna c. Change of climate d. Surface features of land 	D
22	204 1.2 AO1	<p>Which of the following can all be described as Fauna?</p> <ul style="list-style-type: none"> a. Skylark, oak, newt, willow b. Privet, sedge, ragwort, hawthorn 	C

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		<ul style="list-style-type: none"> c. Muntjac, slow worm, small copper, pike d. Hawthorn, grasshopper, oak, grain 	
23	204 1.2 AO1	<p>What is most likely to be affected by different soil types?</p> <ul style="list-style-type: none"> a. Flora b. Fauna c. Climate d. Topography 	C
24	204 1.2 AO2	<p>What is the main factor in the creation of peat bog?</p> <ul style="list-style-type: none"> a. Waterlogged land b. Steep slopes c. Good drainage d. Sheep grazing 	A
25	204 2.1 AO2	<p>Which of the following is an abiotic factor that affects wildlife?</p> <ul style="list-style-type: none"> a. Disease b. Predation c. Competition d. Climate 	D
26	204 2.1 AO1	<p>Which of the following species is classed as flora?</p> <ul style="list-style-type: none"> a. Fox b. Sedge c. Mouse d. Grasshopper 	B
27	204 2.2 AO2	<p>Which of the species in the food web below are all predators?</p>  <p>(Not drawn to scale)</p> <p>Source: www.gridgit.com</p> <ul style="list-style-type: none"> a. Foxes, owls, birds b. Rabbits, mice, grasshoppers c. Rabbits, foxes, owls d. Mice, grasshoppers, birds 	A
28	204 2.2 AO2	<p>Which are the primary consumers in the food web shown below?</p>	A

No	Test spec ref	Question	Key
		 <p>(Not drawn to scale)</p> <p>Source: www.gridgit.com</p> <p>a. Rabbits, mice, grasshoppers, birds b. Rabbits, mice, grasshoppers c. Carrots, grasses, grains d. Foxes, owls</p>	
29	204 2.2 AO2	<p>What characteristic of a species is an indication of social behaviour?</p> <p>a. Living as a group b. Living in isolation c. Predating d. Competing</p>	A
30	204 2.2 AO2	<p>Which of the following species below would be most directly affected if the mice and vole population declined</p> <p>a. Fox b. Owl c. Jay d. Rabbit</p>	B
31	204 3.1 AO1	<p>Which of the following is covered by the Environmental Protection Act?</p> <p>a. Nesting birds b. Rod licences c. Waste disposal d. Animal welfare</p>	C
32	204 3.1 AO2	<p>Which of the following legislation applies only to captive vertebrates?</p> <p>a. Animal Welfare Act 2006 b. Wildlife and Countryside Act 1981 c. Environmental Protection Act 1990 d. Countryside and Rights of Way Act 2000</p>	A
33	204 3.2 AO2	<p>Which of the following strategies has the main aim of protecting threatened wildlife and habitats?</p> <p>a. National Parks b. Sites of Special Scientific Interest c. Areas of Outstanding Natural Beauty d. Environmental Stewardship Scheme</p>	B

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34	204 3.2 AO1	Which of the following national parks is not an upland area? a. Snowdonia b. Peak District c. Norfolk Broads d. North Yorkshire Moors	C
35	205 1.1 AO1	What part of the fence is shown by the arrow below?  www.mouldsfencing.com a. Fence strut b. Strainer post c. Thrust plate d. Intermediary post	B
36	205 1.1 AO1	What type of fixing is shown below?  Source: www.thomaspotter.com a. Nail b. Screw c. Coach bolt d. Nut and bolt	C
37	205 1.1 AO1	What is the type of fence shown in the image below?  Source: www.mouldsfencing.com	A

No	Test spec ref	Question	Key
		<ul style="list-style-type: none"> a. Stock b. Rabbit c. Chestnut paling d. Post and rail 	
38	205 1.1 AO1	<p>What is the name of this tool?</p>  <p>Source: http://cktools-superstore.co.uk/</p> <ul style="list-style-type: none"> a. Auger b. Tamper c. Spirit level d. Fencing pliers 	D
39	205 1.1 AO1	<p>What is the tool below used for?</p>  <p>Source: http://www.alliedconstruction-online.co.uk/</p> <ul style="list-style-type: none"> a. Measuring b. Cutting c. Levelling d. Tamping 	C
40	205 1.2 AO1	<p>What is the fixing below used for?</p>  <p>Source: www.screwfix.com</p> <ul style="list-style-type: none"> a. Connecting wire b. Fixing wire to wood c. Joining two pieces of metal d. Joining two pieces of wood 	B

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41	205 1.2 AO2	<p>The fence below is best used as a boundary for which animals?</p>  <p>Source: www.jacksonsfencing.co.uk</p> <ul style="list-style-type: none"> a. Deer, horses b. Cattle, deer c. Ewes, lambs d. Cattle, horses 	D
42	205 1.2 AO2	<p>When marking out a base to create a right angle at point B in the diagram below, what is the correct measurement between points A and C</p>  <ul style="list-style-type: none"> a. 4m b. 5m c. 6m d. 7m 	B
43-45		<p>Scenario</p> <p>You have been asked to erect a post and wire fence along a boundary in order to prevent deer gaining access. The completed fence will be 15 metres in length and the fence posts are to be placed every 3m apart.</p> <p>The area is very overgrown and the job will involve the removal of an existing damaged fence and the clearance of overgrown scrub prior to commencing the work</p> <p>In order to answer items relating to the scenario above, candidates would need to demonstrate the following</p> <p>Knowledge: planning works, health & safety fencing materials and equipment, measuring and calculating</p> <p>Understanding: consideration of types of boundary and habitats, different types of fences, uses of equipment</p> <p>Analysis: review of information provided to evaluate key aspects of job</p> <p>Evaluation: types of boundaries that prevent access, relationship between types of fences and equipment required, construction techniques</p>	
43	203,204, 205 AO4	<p>What are the critical aspects of the job that must be considered prior to starting work?</p> <ul style="list-style-type: none"> a. Type of boundary required, existing habitat, risk assessment b. Characteristics of the land, PPE, types of species c. Machinery required, soil type, surrounding environment d. Availability of local labour, location of roads, equipment 	A

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44	205, 203 AO4	What are the key tools and materials required to build the deer fence? a. Nails, wooden rails, strimmer b. Netting, staples, post knocker c. Coach bolts, boards, whacker plate d. Wire, chestnut paling, chainsaw	B
45	205 AO4	How many posts would be required to complete the new fence? a. 4 b. 5 c. 6 d. 7	C
46-48		<p>Scenario A landowner in Yorkshire has to carry out maintenance on hedgerows across his land. He needs to remove a small section of hedgerow but has a strong commitment to the environment and wants to limit the damage to the existing wildlife.</p> <p>In order to answer items relating to the scenario above, candidates would need to demonstrate the following</p> <p>Knowledge: Wildlife habitats, organisations and national legislation Understanding: Environmental and conservation issues Analysis: Ability to assess a given situation and identify relevant information Evaluation: review a specific situation and determine effects on wildlife habitat</p>	
46	204 4.1, 4.4 AO4	Which of the following species would be most affected by removing a section of hedgerow? a. Muntjac b. Blackbirds c. Brown hares d. Great crested newts	B
47	204 4.4 AO4	At what time of year should the hedge removal work be completed to minimise the impact on wildlife? a. Winter b. Spring c. Summer d. Autumn	A
48	202 1.2 AO4	Which organisation must be consulted before removing hedges? a. Joint Nature Conservation Committee b. Environment Agency c. Forestry Commission d. Natural England	D
49-50		<p>Scenario You have been asked to develop a wet piece of woodland into a wildlife habitat site, to attract amphibians and wildfowl. The development includes the removal of non-viable and dead deciduous trees, the digging of new ditches, and clearing of an old pond filled with debris and weeds. Following the clearing work new trees and shrubs will need to be planted</p>	

No	Test spec ref	Question	Key
		<p>In order to answer items relating to the scenario above, candidates would need to demonstrate the following</p> <p>Knowledge: Wildlife habitats, planning habitat works</p> <p>Understanding: Environmental and conservation issues, consideration of types of habitats,</p> <p>Analysis: review of information provided to evaluate key aspects of job</p>	
49	204 4.1 205 3.1, 3.2	<p>What are the key considerations when planning the development?</p> <ol style="list-style-type: none"> Methodology, objective, location, deadlines, legislation Legislation, equipment, clothing, weather Refreshments, transport, workforce, access requirements Contractual requirements, clothing, vehicles 	A
50	202 1.1 204 4.1 205 3.1, 3.2	<p>Which of the trees below would be most suited for replanting the above habitat?</p> <ol style="list-style-type: none"> Hazel, Birch, Alder, Willow Monkey puzzle, Oak, Elm, Yew Ash, Yew, Monkey puzzle, Elder Elder, Willow, Elm, Conifer 	A