

### BTEC Level 2 Technical Diploma in

## **EQUINE STUDIES**

**UNIT 4: PRINCIPLES OF WORKING WITH HORSES** 



# SAMPLE ASSESSMENT MATERIALS (SAMS)

First teaching: September 2018 | First certification: Summer 2019

ISSUE 1



#### **Edexcel, BTEC and LCCI qualifications**

Edexcel, BTEC and LCCI qualifications are awarded by Pearson, the UK's largest awarding body offering academic and vocational qualifications that are globally recognised and benchmarked. For further information, please visit our qualification websites at www.edexcel.com, www.btec.co.uk or www.lcci.org.uk. Alternatively, you can get in touch with us using the details on our contact us page at qualifications.pearson.com/contactus

#### **About Pearson**

Pearson is the world's leading learning company, with 40,000 employees in more than 70 countries working to help people of all ages to make measurable progress in their lives through learning. We put the learner at the centre of everything we do, because wherever learning flourishes, so do people. Find out more about how we can help you and your learners at qualifications.pearson.com

References to third-party material made in this specification are made in good faith. We do not endorse, approve or accept responsibility for the content of materials, which may be subject to change, or any opinions expressed therein. (Material may include textbooks, journals, magazines and other publications and websites.)



#### Unit 4: Principles of Working With Horses

#### ID: 21280K

#### Information for candidates

#### Instructions

- · Answer all questions.
- · An onscreen notepad is provided for you to make notes during the test. These notes will not be marked.
- An onscreen calculator is provided for questions which require calculation.
- · An accessibility panel is provided on every screen. This allows you to magnify your screen and apply a range of colour filters

#### Information

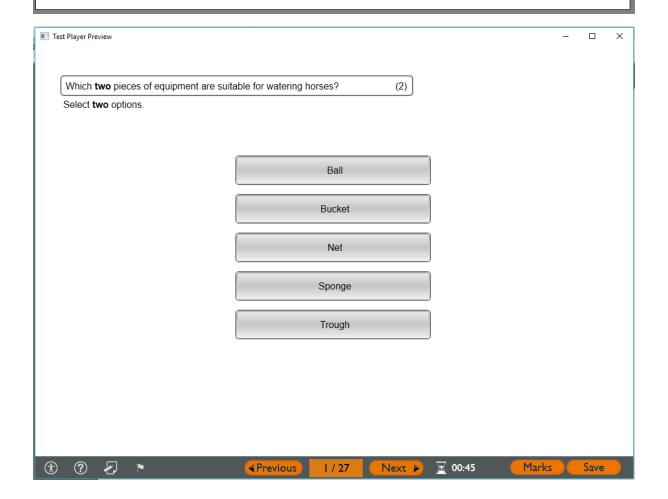
- The assessment is 1 hour 15 minutes in duration.
- The total mark for this test is 60.
- The number of marks for each question is shown in brackets e.g. (2). Use this as a guide as to how much time to spend on each question.

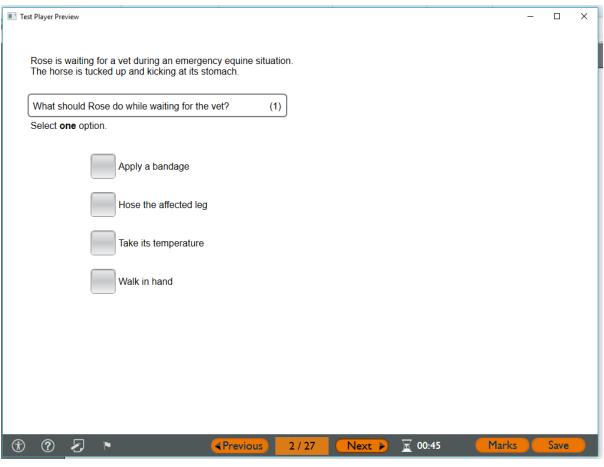
#### Advice

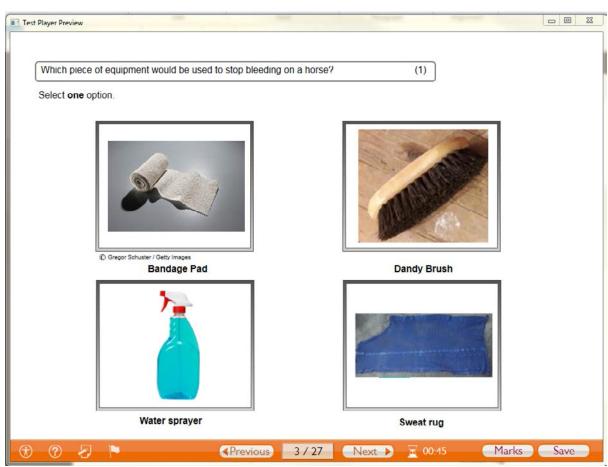
- Read each question carefully before you start to answer it.
- Keep an eye on the time.
- Try to answer every question.Check your answers if you have time at the end.

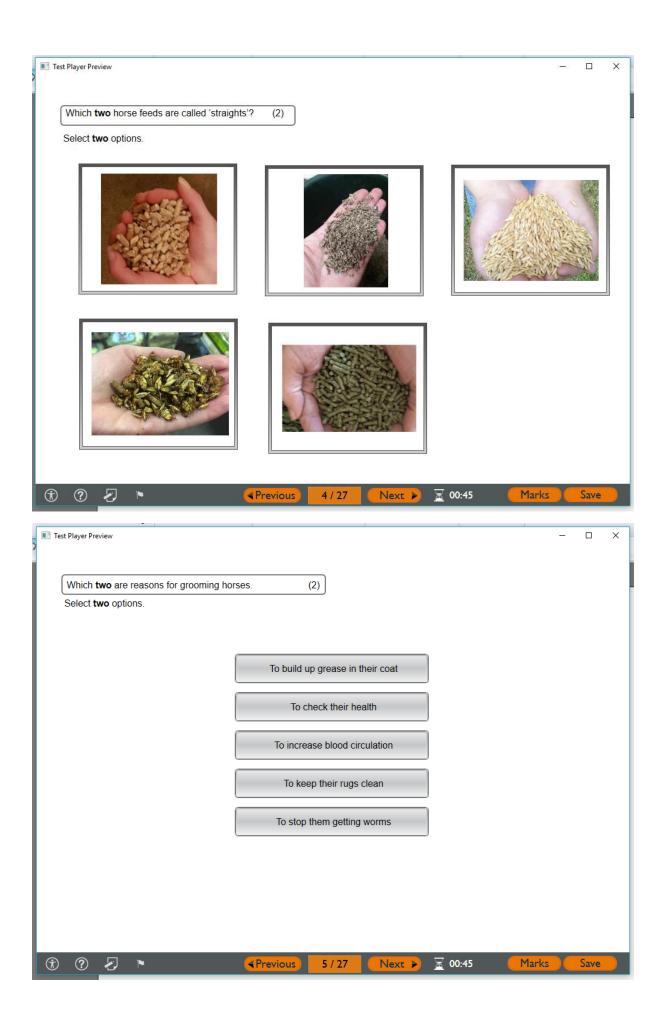
© 2018 Pearson Education Ltd

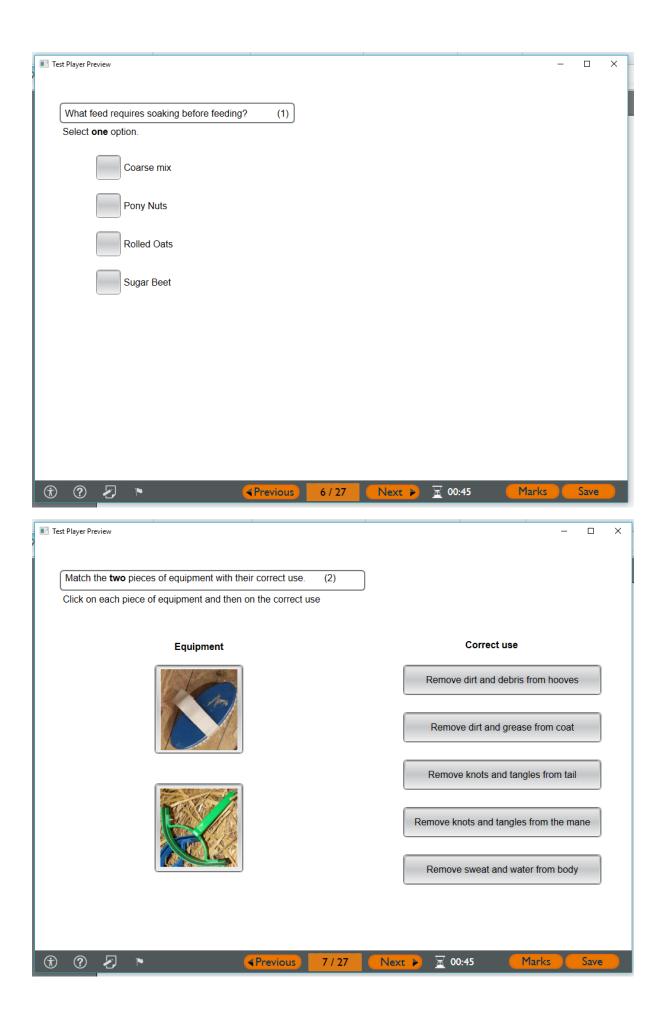
Start Test

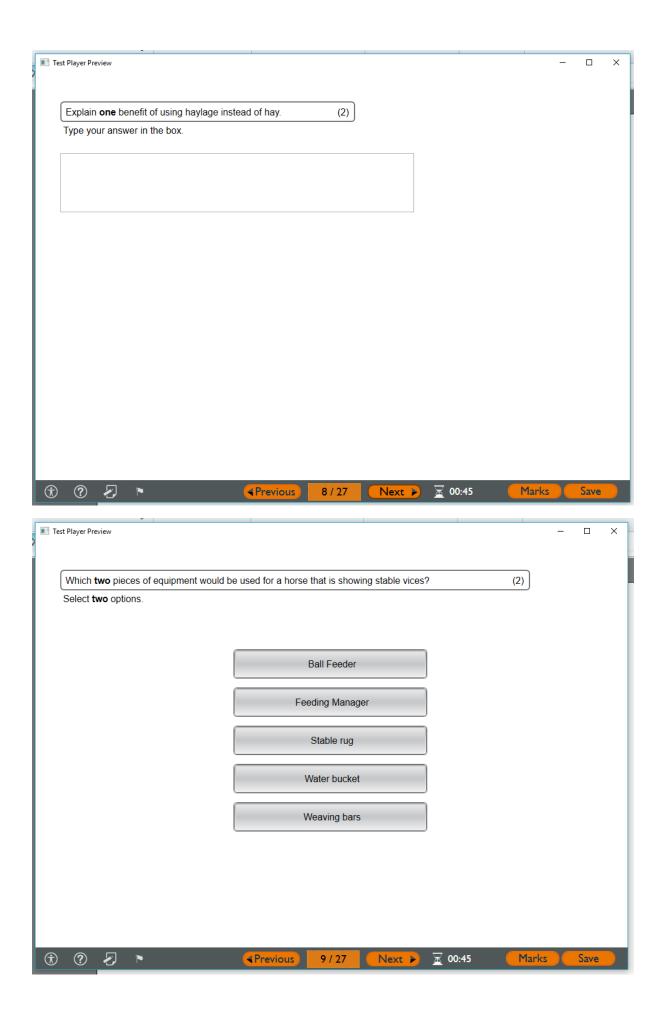


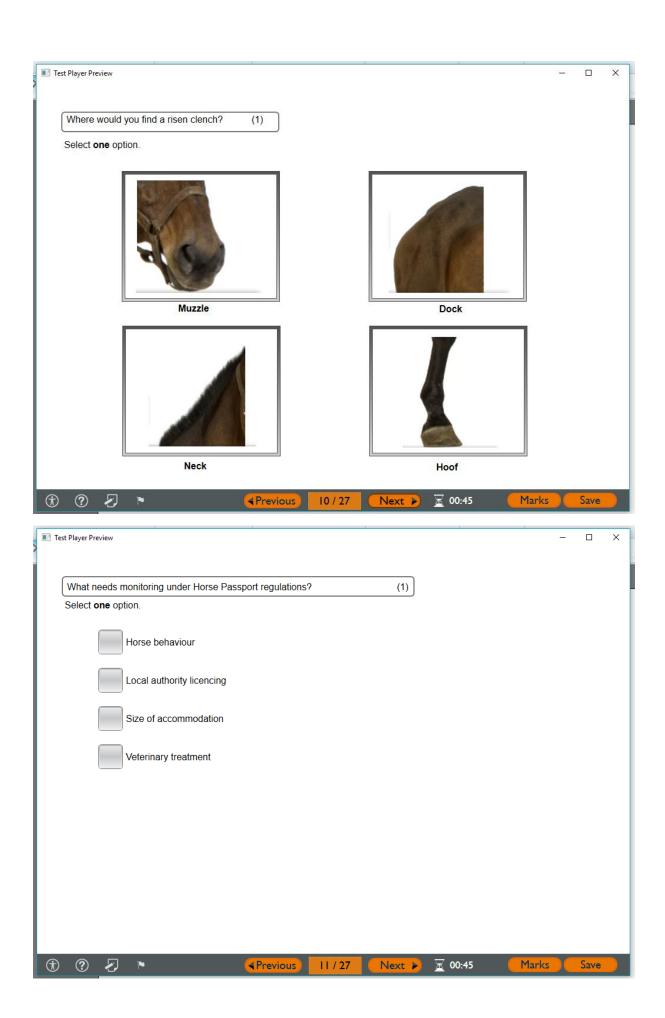


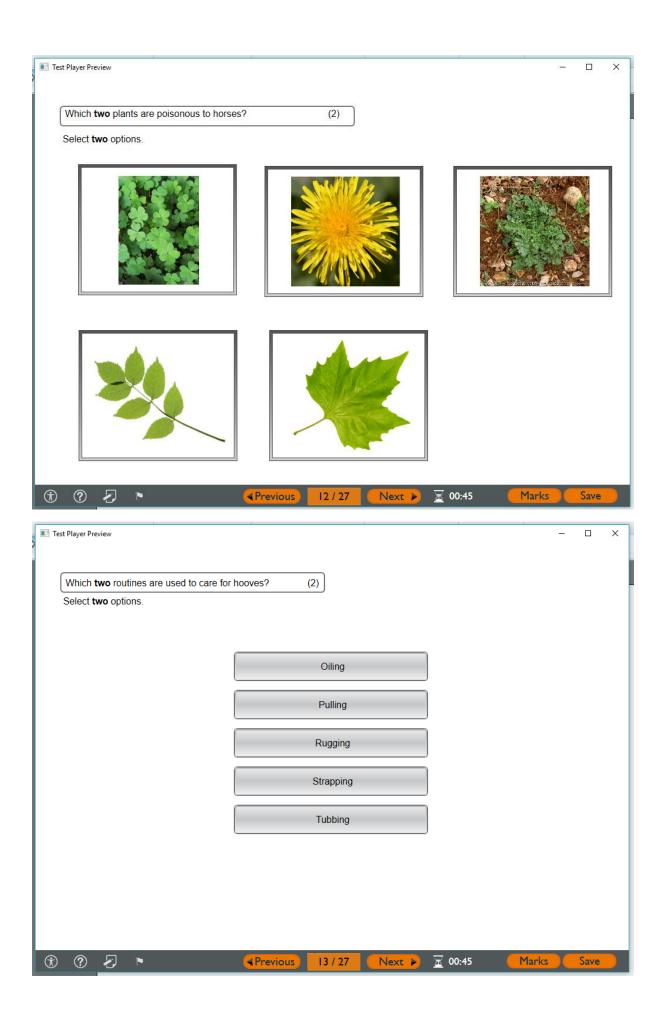


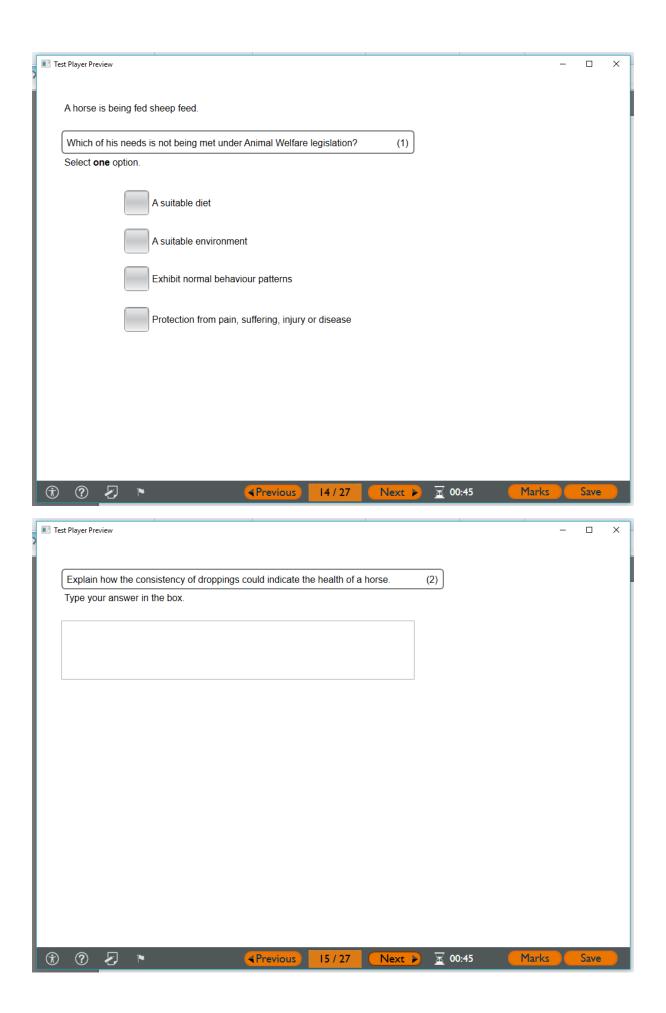


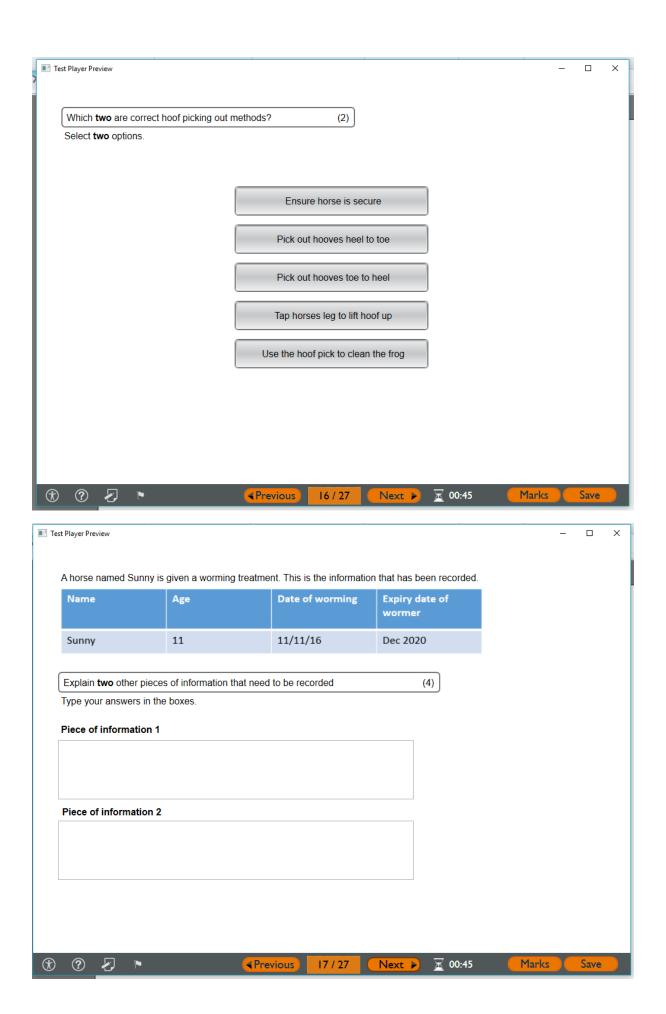


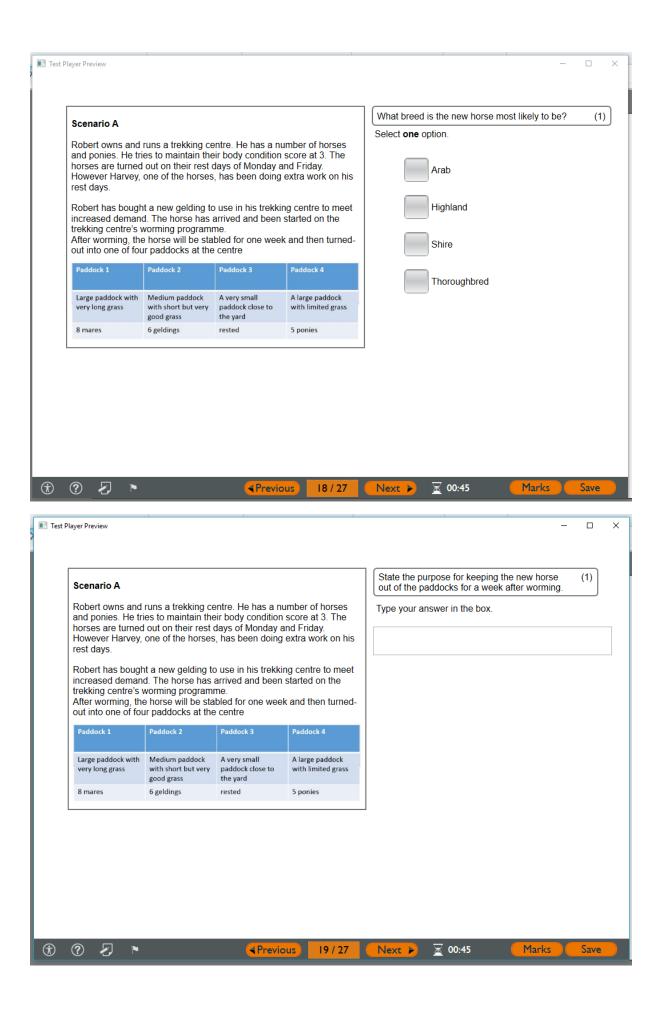


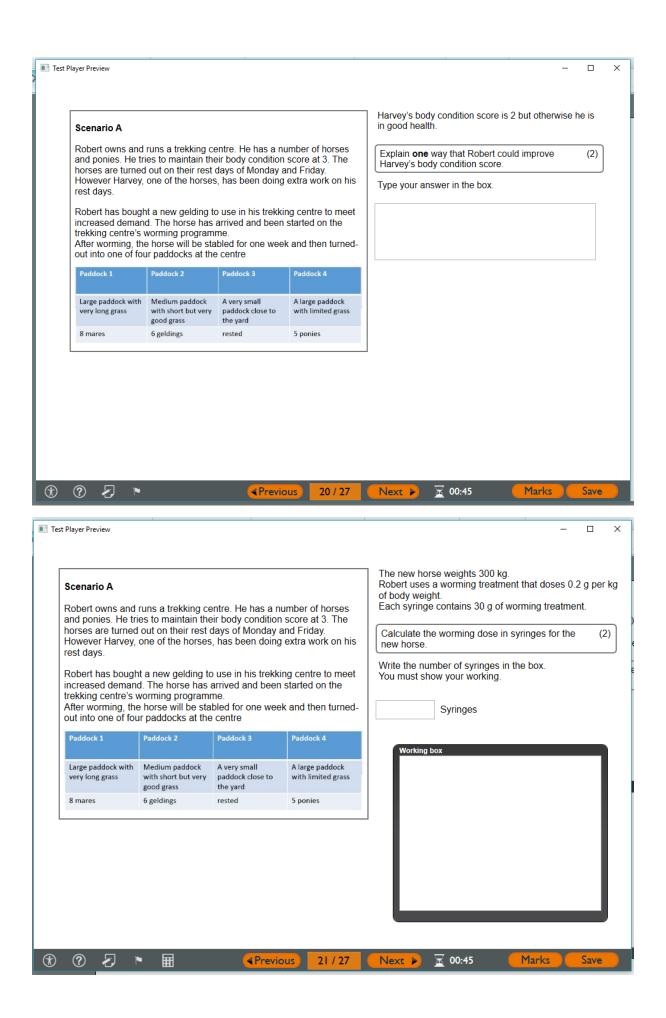


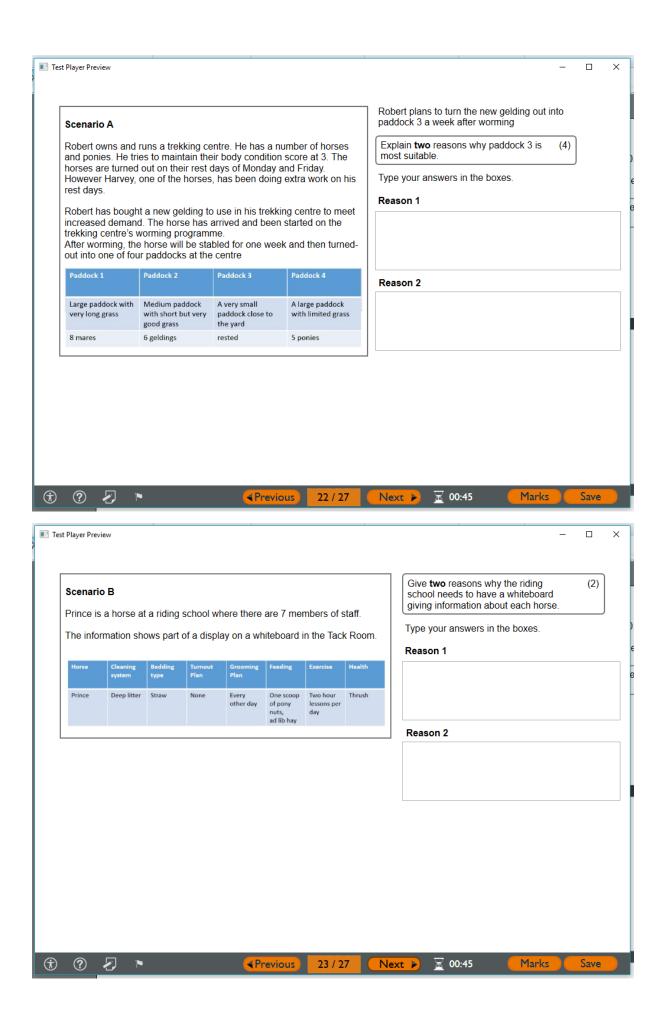


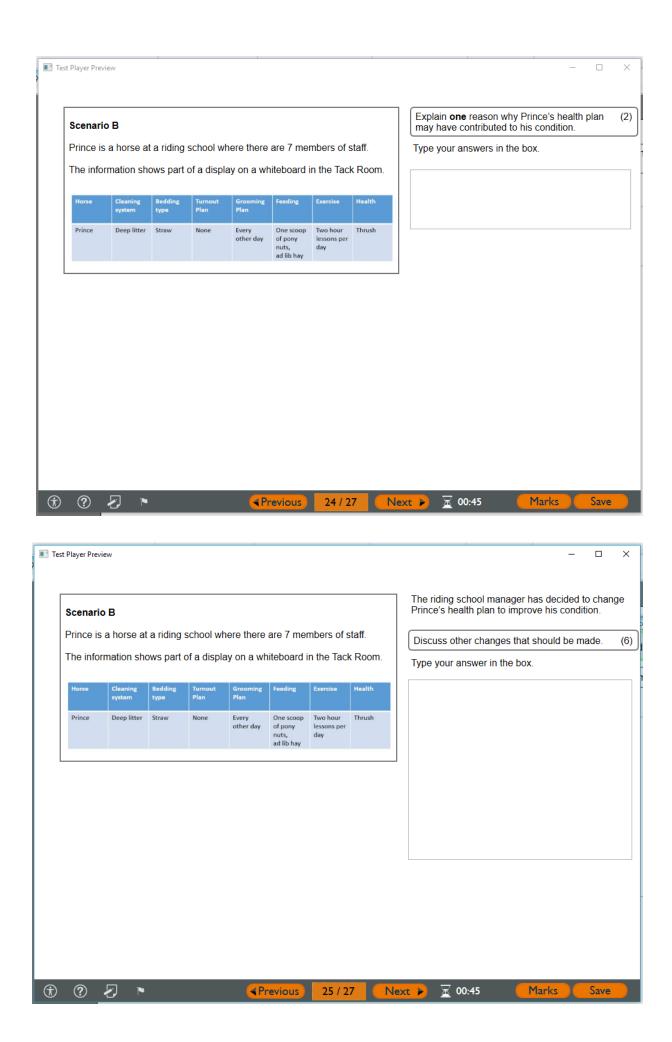


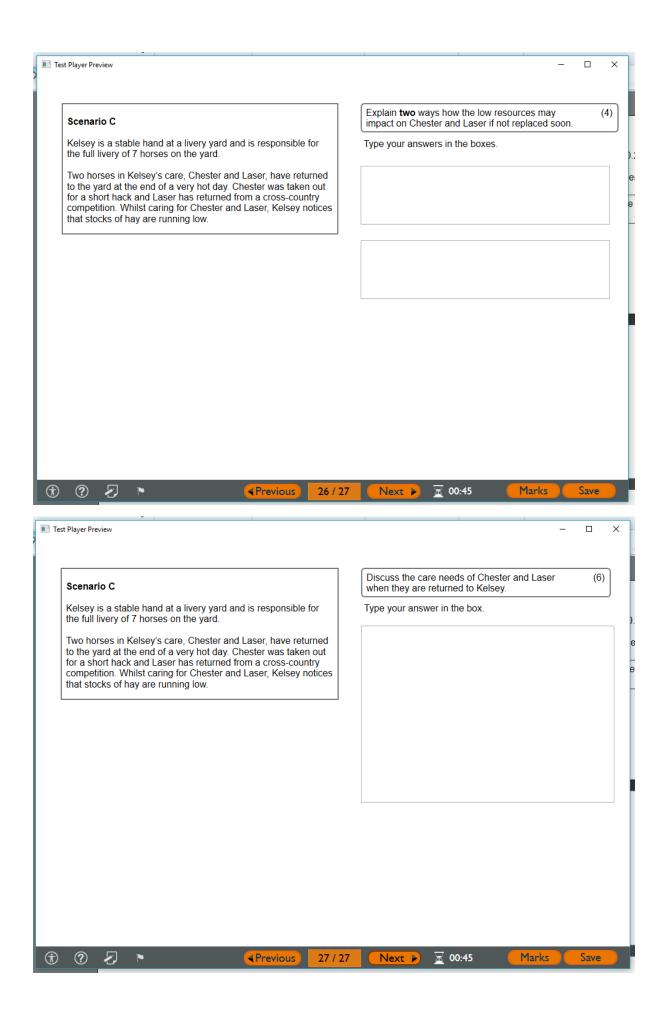












# Unit 4: Working with Horses – sample mark scheme

#### General marking guidance

- All learners must receive the same treatment. Examiners must mark the first learner in exactly the same way as they mark the last.
- Mark schemes should be applied positively. Learners must be rewarded for what they have shown they can do rather than be penalised for omissions.
- Examiners should mark according to the mark scheme, not according to their perception of where the grade boundaries may lie.
- All marks on the mark scheme should be used appropriately.
- All the marks on the mark scheme are designed to be awarded. Examiners should always award full marks if deserved, i.e. if the answer matches the mark scheme. Examiners should be prepared to award zero marks if the learner's response is not worthy of credit according to the mark scheme.
- Where some judgement is required mark schemes will provide the principles by which marks will be awarded and exemplification may be limited.
- When examiners are in doubt regarding the application of the mark scheme to a learner's response, the team leader must be consulted.
- Crossed-out work should be marked UNLESS the learner has replaced it with an alternative response.

#### Specific marking guidance for levels-based mark schemes\*

Levels-based mark schemes (LBMS) have been designed to assess learner work holistically. They consist of two parts: indicative content and levels-based descriptors. Indicative content reflects specific content-related points that learners might make. Levels-based descriptors articulate the skills that learners are likely to demonstrate in relation to the skills being assessed in the question. The levels represent the progression of these skills.

When using a levels-based mark scheme, the 'best fit' approach should be used.

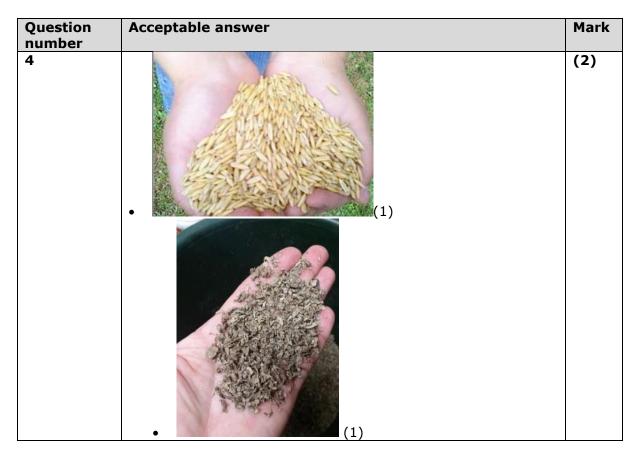
- Examiners should first make a holistic judgement on which band most closely matches learners' response and place it within that band. Learners will be placed in the band that best describes their answer.
- The mark awarded within the band will be decided based on the quality of the answer in response to the level descriptor, and will be modified according to how securely all traits are displayed at that band.

<sup>\*\*</sup>Need advice on use of brackets in mark scheme calculations\*\*

Question number	Acceptable answer	Mark
1	Bucket (1)	(2)
	Trough (1)	

Question number	Acceptable answer	Mark
2	Walk in hand	(1)

Question number	Acceptable answer	Mark
3	Bandage pad	(1)



Question number	Acceptable answer	Mark
5	To check their health (1)	(2)
	To increase blood circulation (1)	

Question number	Acceptable answer	Mark
6	Sugar beet	(1)

Question number	Acceptable answer	Mark
7	<ul> <li>Remove dirt and grease from coat</li> <li>Remove sweat and water from body</li> </ul>	(2)

Question number	Acceptable answer	Mark
8	Award 1 mark for the identification of a benefit and 1 mark for linked expansion, up to a maximum of 2 marks.	(2)
	<ul> <li>Haylage is dust free (1), which means it won't cause coughing/cause respiratory problems (1).</li> <li>Haylage has a higher feed value (1), which means you can feed less forage/instead of concentrates (1).</li> <li>Haylage is palatable (1), which means horses are more likely to eat it (1).</li> </ul> Accept any other valid response.	

Question number	Acceptable answer	Mark
9	Ball feeder (1)	(2)
	Weaving bars (1)	

Question number	Acceptable answer	Mark
10	Hoof	(1)

Question number	Acceptable answer	Mark
11	Veterinary treatment	(1)

Question number	Acceptable answer	Mark
12	• (1) • • • • • • • • • • • • • • • • • • •	(2)

Question number	Acceptable answer	Mark
13	<ul><li>Oiling (1)</li><li>Tubbing (1)</li></ul>	(2)

Question number	Acceptable answer	Mark
14	A suitable diet	(1)

Question number	Acceptable answer	Mark
15	Award 1 mark for state of droppings and 1 mark for linked expansion, up to a maximum of 2 marks.	(2)
	<ul> <li>If droppings are hard/there are fewer droppings (1), this could indicate digestive problem/colic/impaction (1).</li> <li>If droppings are not fully formed (1), this could indicate diarrhoea/infection (1).</li> </ul>	
	Accept any other valid response.	

Question number	Acceptable answer	Mark
16	Ensure horse is secure (1)	(2)
	Pick out hooves heel to toe (1)	

Question number	Acceptable answer	Mark
17	Award 1 mark for a piece of information and 1 mark for a linked expansion, up to a maximum of 4 marks.	(4)
	<ul> <li>The type of wormer given (1) to show a worming programme has been followed/future planning (1).</li> <li>The batch number/the person who administered it (1) to track the process in the event of problems (1).</li> <li>The dose of wormer given (1) to show the instructions were followed (1).</li> </ul> Accept any other valid responses.	

Question number	Acceptable answer	Mark
18	Highland	(1)

Question number	Acceptable answer	Mark
19	<ul> <li>To reduce worm burden in the field/to prevent ingestion of parasitic worms.</li> </ul>	(1)

Question number	Acceptable answer	Mark
20	Award 1 mark for identification of way and 1 mark for linked expansion, up to a maximum of 2 marks.	(2)
	<ul> <li>Robert needs to feed Harvey more (1) so that Harvey puts on weight (1).</li> <li>Robert needs to work Harvey less (1) so that Harvey stops losing weight (1).</li> </ul> Accept any other valid response.	

Question number	Acceptable answer	Mark
21	$300 (kg) \times 0.2 (g) = 60 (g) (1)$	(2)
	60 (g) $\div$ 30 (g) = 2 (syringes) (1)	
	Award full marks for correct numerical answer without working.	

Question number	Acceptable answer	Mark
22	Award 1 mark for each reason and 1 mark for linked expansion, up to a maximum of 4 marks.	(4)
	<ul> <li>Size of paddock 3 limits running around (1) so there is less risk of injury/exhaustion (1).</li> <li>Paddock 3 allows for easy monitoring (1), which allows early identification of problems (1).</li> <li>Paddock 3 has fresh grass (1), which has higher nutritional content/encourages grazing (1).</li> </ul>	
	Do not accept information taken directly from scenario.	
	Accept any other valid response.	

Question number	Acceptable answer	Mark
23	Award 1 mark for each reason, up to a maximum of 2 marks from any of the following:	(2)
	<ul> <li>Everyone needs to do the same/to ensure a regular husbandry routine (1).</li> <li>Staff need to know what to feed the horse (1).</li> <li>Staff need to know whether the horse could go out (1).</li> <li>Staff need to know if the horse has any health issues (1).</li> </ul>	
	Accept any other valid response.	

Question number	Acceptable answer	Mark
24	Award 1 mark for identification of reason and 1 mark for linked expansion, up to a maximum of 2 marks.	(2)
	Poor health checking (1) Plus any one from:	
	<ul> <li>so his hooves may not have been picked out every day (1)</li> <li>which means the riding school may not have noticed early signs of Prince's condition (1).</li> </ul>	
	Accept any other relevant answer.	

Question	Indicative content
number	
25	Indicative content guidance
	The indicative content that follows is not prescriptive and candidates are not required to include all of it. Other relevant material not suggested below must also be credited.
	Candidates should identify what is wrong, with reasoning, and how it could be improved with reasoning.
	Straw bedding is not very absorbent and should be changed to a more absorbent suitable bedding.
	Deep litter means Prince could be stood in soiled bedding for prolonged periods.
	Full muck out would provide more hygienic hoof conditions/cleaner conditions.
	Prince is fully stabled so may have poor air circulation around hooves.
	Time turned out to allow air to feet to inhibit fungus.

Mark scheme (award up to 6 marks) please see the earlier guidance on how to apply levels-based mark schemes\*

Level	Mark	Descriptor
Level 0	0	No rewardable material.
Level 1	1-2	Demonstrates limited knowledge and understanding of relevant information
		<ul> <li>Discussion likely to consist of basic description of information and is likely to consider a narrow range of factors</li> </ul>
		Points made will be superficial/generic and not applied/directly linked to the context in the question.
Level 2	3-4	Demonstrates good knowledge and understanding of relevant information
		Discussion is partially developed and makes some relevant links between a sufficient range of factors
		Most points made will be relevant to the context in the question, but the link will not always be clear.
Level 3	5–6	Demonstrates accurate and thorough knowledge and understanding of relevant information
		Displays a well-developed discussion that makes effective links between a wide range of factors.
		The majority of points made will be relevant and there will be a clear links to the context in the question

Question number	Indicative content	
26	Award 1 mark for each way and 1 mark for linked expansion, up to a maximum of 4 marks.	(4)
	<ul> <li>Horses might not be fed sufficient hay (1) and become malnourished/lose weight (1).</li> <li>Horses may develop stable vices (1) because they are stressed/hungry (1).</li> <li>Horses may underperform/misbehave when ridden (1) because their diet is unbalanced (1).</li> </ul> Accept any other valid response.	

Question number	Indicative content
27	Indicative content guidance
	Award up to 6 marks for explaining the care that should be carried out following the horses' return from competition.  The indicative content that follows is not prescriptive and candidates are not required to include all of it. Other relevant material not suggested below must also be credited.
	Candidates should identify care, with reasoning, and how it could be achieved with reasoning.
	Laser care needs:  needs more monitoring  cooling of temperature rehydration restoring of energy levels limb care hoof care may need electrolytes
	Chester care needs: <ul><li>untacked</li><li>rehydrated</li><li>turned out</li></ul>
	Chester's care needs are less demanding  A country to 6 marks a places see the parties guidance on how to

Mark scheme (award up to 6 marks) please see the earlier guidance on how to apply levels-based mark schemes\*

Level	Mark	Descriptor
Level 0	0	No rewardable material.
Level 1	1-2	<ul> <li>Demonstrates limited knowledge and understanding of relevant information</li> <li>Discussion likely to consist of basic description of information and is likely to consider a narrow range of factors</li> <li>Points made will be superficial/generic and not applied/directly linked to the context in the question.</li> </ul>
Level 2	3-4	<ul> <li>Demonstrates good knowledge and understanding of relevant information</li> <li>Discussion is partially developed and makes some relevant links between a sufficient range of factors</li> <li>Most points made will be relevant to the context in the question, but the link will not always be clear.</li> </ul>
Level 3	5-6	<ul> <li>Demonstrates accurate and thorough knowledge and understanding of relevant information</li> <li>Displays a well-developed discussion that makes effective links between a wide range of factors.</li> <li>The majority of points made will be relevant and there will be a clear links to the context in the question</li> </ul>



# BTEC Level 2 Technical Diploma in **EQUINE STUDIES**

### Like what you see?

- Discover the full range of BTEC Level 2 Technicals available.
- Explore free course materials and training events.
- Get your questions answered by our subject experts.

All this and more at: quals.pearson.com/btecL2techES





Aspire. Do. Achieve. Succeed.

