

Please check the examination details below before entering your candidate information

Candidate surname

Other names

Pearson BTEC Centre Number
Level 2
Technical
Diploma

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Learner Registration Number

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Window for supervised period:

Monday 4 March 2019 – Tuesday 5 March 2019

Supervised hours: 2 hours 30 minutes

Paper Reference **21177K**

Animal Care

Unit 4: Animal Welfare

Set Task

You do not need any other materials.

Total Marks

Instructions

- This booklet contains material for the completion of the set task under supervised conditions.
- The set task is out of 50 marks.
- This booklet is specific to each timetabled period and this material must be issued only to learners who have been entered to take the task in the specified series/timetabled period.
- This booklet should be kept securely until the start of the 2.5-hour supervised assessment. This set task **must** be undertaken during the 2-day period timetabled by Pearson.

Turn over ►

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Pearson

Instructions to Teachers/Tutors and/or Invigilators

The set task **must** be carried out under supervised conditions. The set task can be in more than one supervised session, however it must be completed within the two day window once commenced.

Learners must complete the set task using this task and answer booklet.

The set task is a formal external assessment and must be conducted with reference to the instructions in this booklet and the *Instructions for Conducting External Assessments (ICEA)* document, to ensure that the supervised period is conducted correctly and that learners have the opportunity to carry out the required activities independently. For further details please see the Pearson website.

Teachers/tutors and invigilators are responsible for maintaining security and for reporting issues to Pearson. In particular:

- only permitted materials for the set task can be brought into the supervised environment
- during any permitted break and at the end of the session, materials must be kept securely and no items removed from the supervised environment.

After the session the teacher/tutor and/or invigilator will confirm that all work was completed independently as part of the authentication submitted to Pearson.

Outcomes for submission

This task and answer booklet should be submitted to Pearson.
Each learner must complete an authentication sheet.

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Instructions for Learners

Read the set task information carefully.

You must plan your time and submit all the required evidence at the end of the supervised period. Your centre will advise you of the timing for the supervised period. You have a total of two and a half hours in this session to complete the task.

You will complete this set task under supervision and your work will be kept securely during any breaks taken.

You must work independently throughout the supervised assessment period and should not share your work with other learners.

Outcomes for submission

You should complete the task in this answer book.
You must complete an authentication sheet.

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Set Task Information

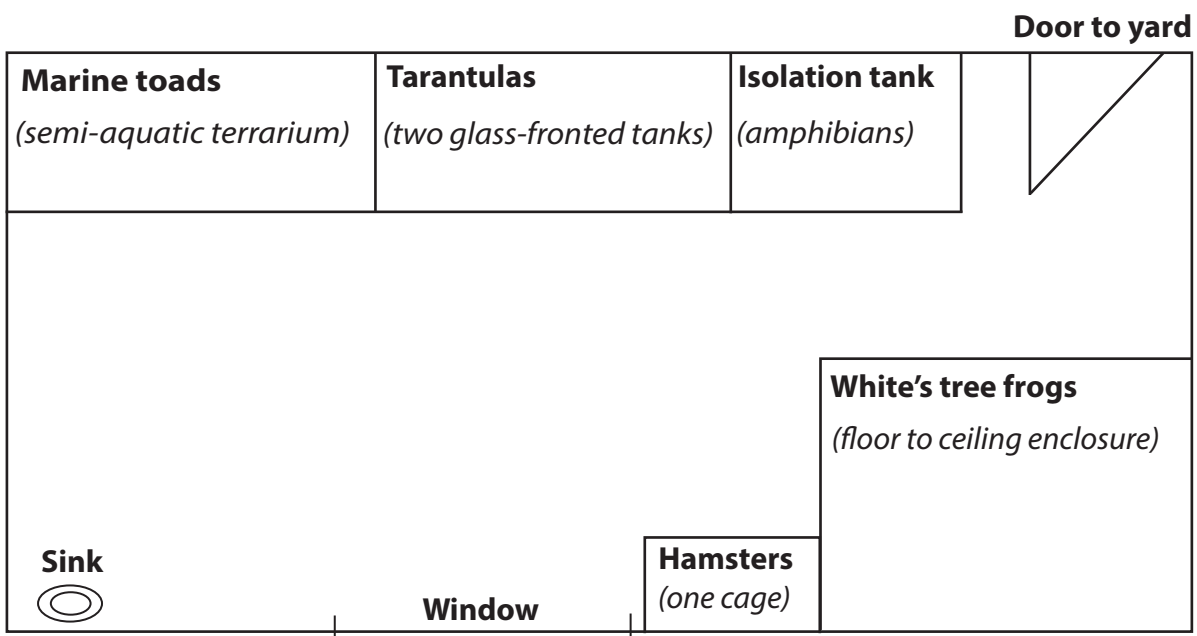
Scenario

You are working in the Animal Care Department at Minkerton College. The department is carrying out an annual inspection of its small animal collection.

You have been asked by your supervisor to produce a review of Minkerton College's routines and procedures for one of the animal rooms. These will be discussed at a morning meeting in preparation for the inspection.

In your review, you must focus on routines, tasks and procedures; safe working practices; and legal responsibilities.

Layout of animal room 1 at Minkerton College



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Cage record cards

White's tree frogs

Age	<i>Adult</i>
Sex	<i>5 x female 5 x male</i>
Size	<i>10 cm</i>
Feed	<i>Twice a week: Locusts or mealworms, 40 live insects per feed One feed dusted with calcium and vitamin powder</i>
Temperatures	<i>Day: 25 °C, Night: 23 °C</i>
Special notes	<i>None</i>

Tarantula (Ground-dwelling species)

Age	<i>5 years</i>
Sex	<i>Female</i>
Size	<i>12 cm</i>
Feed	<i>4 large crickets twice a week</i>
Temperatures	<i>Day: 27 °C, Night: 27 °C</i>
Special notes	<i>Mist enclosure on a Monday and Friday Avoid bright lights – nocturnal</i>

Marine toads

	<i>Bea</i>	<i>Bern</i>
Age	<i>5 years</i>	<i>7 years</i>
Sex	<i>Female</i>	<i>Male</i>
Size	<i>20 cm</i>	<i>15 cm</i>
Feed	<i>Earthworms, crickets, mealworms Dust with calcium and vitamin powder once a week</i>	
Temperatures	<i>Day: 26 °C, Night: 22 °C</i>	
Special notes	<i>Do not handle without gloves – toxic skin Nocturnal</i>	



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Information poster in animal room 1 at Minkerton College

Work safely!

- Students must **only** carry out duties in pairs.
- Decide which personal protective equipment (PPE) you need – tie back long hair.
- Wash and dry hands before and after handling animals.

Your nearest first aider is:

Freya

Your nearest first aid kit is:

room 12

Using first aid kits

- You **must** record the incident in the accident book.
- Replace any first aid items that you use.

Contact your tutor to report breakages and other problems.

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Cleaning procedures for animal room 1 at Minkerton College

- Make sure animals cannot escape while you are cleaning their enclosure.
- Gather all equipment before starting to clean.
- Dispose of all soiled substrate / bedding in the bins provided.
- Use animal-safe disinfectant.
- Follow the instructions on the bottle for correct dilution.
- Clean and replace all food and water bowls.
- Sweep the floor before washing the floor.
- Wipe over all surfaces outside enclosures as final cleaning task.
- Return bottles to shelves underneath the sink after use.
- Clean and return all equipment to where it was found.

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Staff and student noticeboard in animal room 1 at Minkerton College

Staff rota for tutors:

	Morning	Afternoon
	Tutor name	
Monday	Freya	Hendrick
Tuesday	-	Ruaan
Wednesday	Nancy	-
Thursday	Ruaan	Hendrick
Friday	Freya	-
Saturday	-	-
Sunday	-	-

No more than 15 students per tutor, 3 hours per session

Activities may include:

- practical handling of animals
- behaviour observations and health checks
- preparing and providing feed and water
- cleaning.

Extra things to remember this week:

Monday	
Tuesday	<i>new Mexican red-kneed tarantula arriving</i>
Wednesday	<i>Nancy's day off</i>
Thursday	<i>5 new juvenile tree frogs arriving</i>
Friday	<i>College Open Day 10 am – 4 pm</i>
Saturday	
Sunday	

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Routines for animal room 1 at Minkerton College

Daily routine for students	Weekly routine for students	Monthly routine for tutors
<p>Morning (8.30 am – 9 am):</p> <ul style="list-style-type: none"> • Record humidity levels for all tanks • Mist tree frogs <p>Afternoon (5 am – 5.30 pm):</p> <ul style="list-style-type: none"> • Check for and remove any dead insects from terrariums • Health check all animals • Clean out all water bowls and refill 	<ul style="list-style-type: none"> • Water all plants • Check air and water temperatures of all terrariums • Check no damage to enclosure entrances and locks • Live insect feeds • Spot clean toad enclosure 	<ul style="list-style-type: none"> • Replace gravel in semi-aquatic terrarium if needed • Full clean of all accommodation • Change layout of tree frog enclosure • Check if disinfectants and water treatments need to be ordered for next month

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Legal requirement checklist

1. Make sure legal paperwork is checked and filed for each animal brought in.
2. Enclosures must be appropriate for each animal species.
3. Record all medical treatments given.
4. Record any deaths and what caused them.
5. Keep new animals separate for an appropriate period.
6. Feeding equipment and utensils should be cleaned and sterilised thoroughly.
7. Cleaning equipment should not be shared between species or enclosures.
8. All chemicals used must be locked away securely.
9. All animals must be unable to escape at all times.
10. Animals suffering from disease should be separated and treated immediately.

Set Task

Use the information in this booklet to complete your review of the college's routines and procedures.

You must complete the following tasks.

Activity 1: Review how routines, tasks and procedures in animal room 1 at Minkerton College meet the five needs of animals.

(Total for Activity 1 = 20 marks)

Activity 2: Review the health and safety requirements in animal room 1 at Minkerton College.

(Total for Activity 2 = 15 marks)

Activity 3: Review the legal responsibilities in animal room 1 at Minkerton College.

(Total for Activity 3 = 15 marks)

TOTAL FOR TASK = 50 MARKS

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Handwriting practice area with 20 sets of horizontal dotted lines.

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Activity 3: Review the legal responsibilities in animal room 1 at Minkerton College.

In your review you will need to consider:

- how well legal responsibilities are being met
- any changes to the day-to-day running of animal room 1 you would recommend and why.

(Total for Activity 3 = 15 marks)

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TOTAL FOR PAPER = 50 MARKS

