

Level 2 Award in Pest Management

Accreditation number 100/8797/6

Unit PM 2.1 Vertebrate Pest Management – Specimen Paper

**IMPORTANT - READ THE FOLLOWING INSTRUCTIONS CAREFULLY
BEFORE ANSWERING THE QUESTIONS**

1. Candidates should enter their candidate number and test series in the space provided below.
2. You should write all of your answers in the space provided on this exam paper.
3. You are allowed ONE HOUR for answering ALL fifteen questions.
4. Each question is worth FIVE marks.
5. This paper must be left on your desk at the conclusion of the test.
6. The pass mark for this unit is 50%

Candidate number _____ Test series _____

Unit PM 2.1 Vertebrate Pest Management

- 1.** Describe **TWO** features of the house-mouse which would help you to distinguish it from a young common rat. 5 marks

Answer

Handwritten answer area for Question 1, consisting of 10 horizontal dashed lines within a rectangular border.

- 2. A.** Which **ONE** of the following characteristics or habits can be used to distinguish between the Norway rat and the water vole? 2 marks

- i) Strong swimmer
- ii) Diet can include cereals and vegetation
- iii) Droppings are found in latrines
- iv) Ears are large
- v) Tail is shorter than head and body

- B.** With which protected British mammal is the Mink most frequently confused? 3 marks

Answer

Handwritten answer area for Question 2, consisting of 10 horizontal dashed lines within a rectangular border.

3.

In a building infested by both the Norway rat (*Rattus norvegicus*) and the Black rat (*Rattus rattus*) which would more likely be found in the upper floors? Explain why this is.

5 marks

Answer

Answer area with 15 horizontal dashed lines for writing.

4.

State **TWO** reasons why Grey Squirrels are considered pests in and around buildings and gardens.

2.5 marks each

Answer

Answer area with 15 horizontal dashed lines for writing.

5. A. What disease is commonly transferred via rat's urine?

2 marks

B. What environmental conditions are required to transfer the disease?

3 marks

Answer

A large rectangular area with a light blue dashed border, containing 20 horizontal blue dashed lines for writing.

6. Apart from visual observation and CCTV survey, briefly outline **TWO** other tests that can be applied to an existing drainage system to determine if it is connected to rat activity on the surface.

2.5 marks each

Answer

A large rectangular area with a light blue dashed border, containing 20 horizontal blue dashed lines for writing.

7. A. A defect in a public sewer is allowing rodents to enter a food storage warehouse. Which **ONE** of the following is responsible for the repair to the sewer? 3 marks
- i) The Local Council
 - ii) The Environment Agency
 - iii) The Water Authority / Water Company
 - iv) The owner of the property
 - v) The occupier of the property
- B. It is proposed to check the route of entry of the rodents into the warehouse by lighting a smoke generator in the sewer. State why this might be inadvisable. 2 marks

Answer

8. There has been a **SUDDEN** increase in the feral pigeon population at a city bakery. Give **TWO** possible reasons for the increase. 2.5 marks each

Answer

9. Mice can be controlled by the use of rodenticide baiting. State **TWO** other methods for controlling mice. 2.5 marks each

Answer

Handwriting practice area for question 9, consisting of 15 horizontal dashed lines.

10. **A.** Can a colony of bats be cleared from a loft to allow treatment to take place for insect pests? Explain your answer. 3 marks

B. Bats in the UK may be implicated in a disease which can be fatal to man. What is the disease? 2 marks

Answer

Handwriting practice area for question 10, consisting of 15 horizontal dashed lines.

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Unit PM 2.2 Invertebrate Pest Management – Specimen Paper

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Candidate number _____ Test series _____

Unit PM 2.2 Invertebrate Pest Management

1. **A.** List the stages of the life cycle of the Fruit fly *Drosophilidae* family – words or diagram acceptable. 2 marks
- B.** State **TWO** common breeding sites of fruit flies. 3 marks

Answer

A grid of 11 horizontal dashed lines for writing the answer to question 1.

2. **A.** State **TWO** locations where mosquitoes are likely to breed in a domestic environment. 2 marks
- B.** Give **THREE** examples of how individuals in the community can act to reduce the incidence of mosquitoes on their property. 1 mark for each example

Answer

A grid of 11 horizontal dashed lines for writing the answer to question 2.

5. A. Name **ONE** disease which fleas may spread.

1 mark

B. What areas require treating to eradicate fleas in a domestic property?

4 marks

Answer

6. A householder complains to you that she has a severe infestation of biting insects in her house despite the absence of pet animals. Detailed investigations including intensive monitoring have failed to confirm the presence of any form of pest activity, and there is no visual evidence of bites on the person's skin.

A. What action should a pest controller take as a result of this?

3 marks

B. What action should a pest controller **NOT** take?

2 marks

Answer

9. A. A resident reports that a swarm of honeybees has just appeared on a bush in their garden. State **THREE** options for dealing with this. 1 mark each
- B. A honeybees' nest in a cavity wall of a house has been carefully treated with insecticide. List **TWO** problems that may occur if no further measures are taken: 2 marks

Answer

10. A treatment for bedbugs using a synthetic pyrethroid insecticide proves ineffective. Apart from diatomaceous earth, list **TWO** other alternative treatments which could be used. 5 marks

Answer

11. State **TWO** factors which should be considered when siting an electronic fly killer.

5 marks

Answer

Handwriting practice area for question 11, consisting of 15 horizontal dashed lines.

12. Why is it not good practice to lay traps for cockroaches immediately following a spray treatment?

5 marks

Answer

Handwriting practice area for question 12, consisting of 15 horizontal dashed lines.

13. Why should an emulsion insecticidal formulation not be used on an absorbent surface?

5 marks

Answer

Blank lined area for writing the answer to question 13.

14. Explain the term “domino reaction” [or “cascade effect”] when referring to particular insecticide treatments.

5 marks

Answer

Blank lined area for writing the answer to question 14.

15. Give **TWO** reasons why it is good practice to recover baits following an insecticide treatment. 2.5 marks each

Answer

A large rectangular area with a black border, containing 20 horizontal blue dashed lines for writing an answer.

END OF PAPER

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Unit PM 2.3 Health, Safety and Legal Aspects of Pest Management – Specimen Paper

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Candidate number _____ Test series _____

Unit PM 2.3 Health, Safety and Legal Aspects of Pest Management

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|----|---|-----------|
| 1. | A. Under Health & Safety legislation, what is a “permit to work”? | 2.5 marks |
| | B. Describe an area in a pest control work activity where such a permit would be appropriate. | 2.5 marks |

Answer

- | | | |
|----|--|---------|
| 2. | A. What does the abbreviation BPR on a product label stand for? | 1 mark |
| | B. The product label states that “appropriate PPE” should be worn. Name TWO sources that could be used to check if the PPE that is available is suitable? | 4 marks |

Answer

3. The Control of Substances Hazardous to Health Regulations 2002 (COSHH) imposes certain duties on employers to protect employees. 2.5 marks each

State **TWO** other principal duties required by the Regulations.

Answer

Handwriting practice area for question 3, consisting of 15 horizontal dashed lines.

4. List **FIVE** hazards that a pest controller may be exposed to in the roof space of a house. 5 marks

Answer

Handwriting practice area for question 4, consisting of 15 horizontal dashed lines.

5. **A.** List **THREE** visual checks and assessments that should be made before using a ladder. 3 marks
- B.** What regulation affects the use of ladders in the workplace? 2 marks

Answer

<p>Ruled area for answer to question 5.</p>

6. State **TWO** objectives of the Food and Environment Protection Act, 1985. 5 marks

Answer

<p>Ruled area for answer to question 6.</p>

13. A householder insists that rats are living in his roof space, despite a pest controller being unable to find any signs of infestation. **5 marks**

What action should the pest controller take in this situation?

Answer

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14. A client demands that rodenticide is placed according to his/her requirements and that no further visits are necessary or acceptable. What should be the response? **5 marks**

Answer

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15. When you are writing a report before leaving the client's premises, the Hygiene Officer asks you not to include some serious criticism of housekeeping standards as it will get him into trouble. What is your response to this?

5 marks

Answer

A large rectangular area with a dotted blue border, intended for writing the answer to the question above.

END OF PAPER