

# 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.
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- 6. The pass mark for this unit is 50%

Candidate number	_Test series

### Unit PM 2.1 Vertebrate Pest Management

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

2.	Α.	<ul> <li>Which ONE of the following characteristics or habits can be used to distinguish between the Norway rat and the water vole?</li> <li>i) Strong swimmer</li> <li>ii) Diet can include cereals and vegetation</li> <li>iii) Droppings are found in latrines</li> <li>iv) Ears are large</li> <li>v) Tail is shorter than head and body</li> </ul>	2 marks
	В.	With which protected British mammal is the Mink most frequently confused?	3 marks
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4.	State <b>TWO</b> reasons why Grey Squirrels are considered pests in and around buildings and gardens.	2.5 marks each
Answer		

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
Answe	er	
	Anost from viewel choose stion and COTV summer with the stiller TMO	0.5 mortes as at
6.	Apart from visual observation and CCTV survey, briefly outline TWO	2.5 marks each

6.	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		

7.	Α.	<ul> <li>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?</li> <li>i) The Local Council</li> <li>ii) The Environment Agency</li> <li>iii) The Water Authority / Water Company</li> <li>iv) The owner of the property</li> <li>v) The occupier of the property</li> </ul>	3 marks
	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 <b>SUDDEN</b> increase in the feral pigeon population at a city bakery. Give <b>TWO</b> possible reasons for the increase.	2.5 marks each
Answer		

9.	Mice can be controlled by the use of rodenticide baiting. State <b>TWO</b> other methods for controlling mice.	2.5 marks each
Answer		

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
Answe	er	

11.	The success of a rodent control strategy in a block of retail food outlets 2.5 marks each depends on using an integrated approach, involving additional measures instead of the use of rodenticides. Give <b>TWO</b> examples of measures that could be adopted.
Anower	
Answer	
L	
12.	Rodent glue boards are an important tool for the pest control technician. If 1 mark each

12.	Rodent glue boards are an important tool for the pest control technician. If not used correctly, however, their use may be considered inhumane. List <b>FIVE</b> essential features of a control exercise for rodents using glue-boards which will meet good industry practice.	1 mark each
Answer		

13.	Α.	Name <b>TWO</b> higher toxicity Second Generation Anticoagulant Rodenticides (SGARS).	2 marks
	В.	Under what circumstances would these rodenticides be considered for use?	3 marks
Answer			
14.	Desc	ribe a normal baiting strategy for:	2.5 marks each
	Desc	nbe a normal balling strategy for.	2.5 marks each
	A Norv	vay rat outside of a property	
	<b>Β</b> Ηοι	ise Mouse	
Answer			

15.	List FIVE	pieces o	of advic	e a pest co	ontro	oller c	an give to a	a customer t	o help	1 mark each
	prevent	rodents	being	attracted	to	and	potentially	damaging	their	
	propertie	es.								
Answer										
- L										

END OF PAPER



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## Unit PM 2.2 Invertebrate Pest Management – Specimen Paper

#### <u>IMPORTANT</u> - READ THE FOLLOWING INSTRUCTIONS CAREFULLY BEFORE ANSWERING THE QUESTIONS

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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
		3 marks
	B. State TWO common breeding sites of fruit flies.	
Answe	)r	

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

3.	A. Which ant (other than the garden ant - Lasius niger) is most likely to infest warm buildings such as hospitals, office blocks, bakeries, etc?	2 marks
	<b>B.</b> How is this ant able to transmit disease organisms from one part of a building to another?	3 marks
Answe	r	

4.	Α.	What would be a likely source of an infestation of red poultry mites in a domestic bedroom?	3 marks
	В.	What might cause red poultry mites to become a problem in domestic situations?	2 marks
Answe	ər		

<b>F</b>	A Name ONE discouss which flags many approad	<b>4</b>
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
Answe		
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.	
		<b>•</b> •
	A. What action should a pest controller take as a result of this?	3 marks
	<ul><li>A. What action should a pest controller take as a result of this?</li><li>B. What action should a pest controller NOT take?</li></ul>	3 marks 2 marks
Answe	<b>B.</b> What action should a pest controller <b>NOT</b> take?	
Answe	<b>B.</b> What action should a pest controller <b>NOT</b> take?	
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Answe	<b>B.</b> What action should a pest controller <b>NOT</b> take?	

7. /	A. Name THREE parts of a domestic house in which Cluster flies may hibernate.	3 marks
	<b>B.</b> Name <b>ONE</b> other insect which exhibits the same activity as a cluster fly.	2 marks
Answer		

8.	How may changing the frequency of rubbish collection from weekly to monthly affect the development of an infestation of flying insects?	5 marks
Answ	ver	

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9.	<b>A.</b> A resident reports that a swarm of honeybees has just appeared on a bush in their garden. State <b>THREE</b> options for dealing with this.	1 mark each
	<b>B.</b> A honeybees' nest in a cavity wall of a house has been carefully treated with insecticide. List <b>TWO</b> problems that may occur if no further measures are taken:	2 marks
Answer		
10.	A treatment for bedbugs using a synthetic pyrethroid insecticide proves	5 marks

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

11.	State <b>TWO</b> factors which should be considered when siting an electronic fly killer.	5 marks
Answe	۶r	

12.	Why is it not good practice to lay traps for cockroaches immediately	5 marks
	Why is it not good practice to lay traps for cockroaches immediately following a spray treatment?	
Answer		

13.	Why should an emulsion insecticidal formulation not be used on an absorbent surface?	5 marks
Answer		

14.	Explain the term "domino reaction" [or "cascade effect"] when referring to particular insecticide treatments.	5 marks
Answer		

15.	Give <b>TWO</b> reasons why it is good practice to recover baits following an insecticide treatment.	2.5 marks each
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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Unit PM 2.3 Health, Safety and Legal Aspects of Pest Management		
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
Answ	er	

2.	A What does the abbreviation PDD on a product label stand for?	1 mark
Ζ.	A. What does the abbreviation BPR on a product label stand for?	I mark
	<b>B.</b> The product label states that "appropriate PPE" should be worn. Name <b>TWO</b>	
	sources that could be used to check if the PPE that is available is suitable?	4 marks
		4 mano
Answ	ver	

3.	The Control of Substances Hazardous to Health Regulations 20022.5 marks each(COSHH) imposes certain duties on employers to protect employees.2.5 marks each
	State <b>TWO</b> other principal duties required by the Regulations.
Answe	r

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

5.	Α.	List <b>THREE</b> visual checks and assessments that should be made before using a ladder.	3 marks
	В.	What regulation affects the use of ladders in the workplace?	2 marks
Ans	wer		
6.	State	<b>TWO</b> objectives of the Food and Environment Protection Act, 1985.	5 marks
Ans	wer		

7.	Section 11 (1) of the Wildlife & Countryside Act 1981 prohibits the use of certain methods of taking and killing wild animals Name <b>TWO</b> of these methods.	5 marks
Answe		
8.	A. List THREE actions that may be implemented by an enforcement officer in	3 marks
	connection with food premises	omanio
	<b>P</b> . Which piece of logiclation places the responsibility for rephit control on	2 marks
	<b>B.</b> Which piece of legislation places the responsibility for rabbit control on the owner of the land on which rabbits have their warrens?	Zmarks
Answe		

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9.	<b>A.</b> In which Act of Parliament does it state grey squirrels have to be dispatched humanely and not released back into the wild?	2 marks
	B. What is the reason for this?	3 marks
Ansv	wer	
10.	A. A premises infested with cockroaches is taking no control action. Which Act of Parliament would be the most appropriate to use for treatment enforcement?	3 marks
	B. Who is responsible for enforcing this Act?	2 marks
Ans	ver	

**11.** In addition to treatment records various other types of record relating to 2.5 marks each different aspects of a Pest Controller's work must be kept.

Specify **TWO** different types of such records.

Answer	

12.	Outline <b>TWO</b> reasons why up-to-date treatment records are important to	2.5 marks each
	a client.	
Answer		

What action should the pest controller take in this situation?  Answer	
14. A client demands that rodenticide is placed according to his/her	5 marks
requirements and that no further visits are necessary or acceptable. What	
should be the response? Answer	

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		

#### **END OF PAPER**