

Level 2 Award in Pest Management

Accreditation number 100/8797/6

Unit PM 2.2 Invertebrate Pest Management – Specimen Paper

<u>IMPORTANT</u> - 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 2.2 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.	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
Answ	/er	

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. How is this ant able to transmit disease organisms from one part of a building to another?	3 marks
Answe	r	

4.	A. What would be a likely source of an infestation of red poultry mites in a domestic bedroom?	3 marks
	B. What might cause red poultry mites to become a problem in domestic situations?	2 marks
Answ	ver	

F	A Name ONE discouss which flags many approad	4
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.	
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	A. What action should a pest controller take as a result of this?	3 marks
	A. What action should a pest controller take as a result of this?B. What action should a pest controller NOT take?	3 marks 2 marks
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7.	A. Name THREE parts of a domestic house in which Cluster flies may hibernate.	3 marks
	B. Name ONE other insect which exhibits the same activity as a cluster fly.	2 marks
Answe	r	

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

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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
E	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	5 marks

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
Ansv	ver	

11.	State TWO 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 TWO reasons why it is good practice to recover baits following an insecticide treatment.	2.5 marks each
Answer		

END OF PAPER