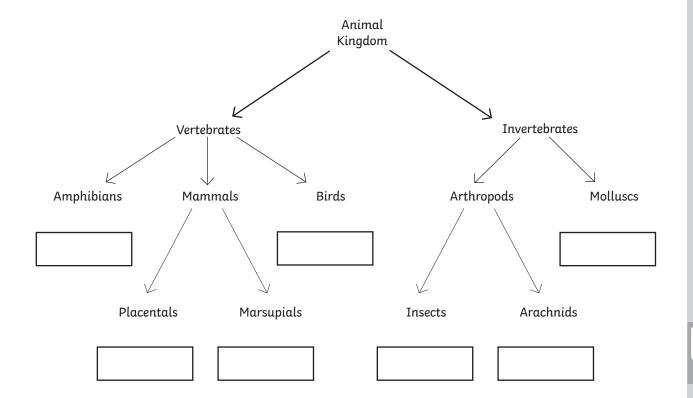
cience Assessment Year 6: Living Things and Their Habitats	ame:				Date:	
L. What is the name given to scientists who sort and classify living things into groups? 1 mark 2. Give two different ways that these animals could be sorted into two groups: starling jackdaw painted lady cabbage white butterfly hedgehog toad frog dragonfly Phito courtes; or Wellin Bol. Named hambon, Nataritherian, Court or Julia, Paulane, 1820/2004 for come garted uniter common lower Group A Group B Option 1 Option 2 2 marks 3. What did Carl Linnaeus create and why?	cience As	sessment '	Year 6: Livin	ıg Things an	ıd Their Habitats	26 total marks
Starling jackdaw painted lady cabbage white butterfly butterfly butterfly butterfly Reacons of the starling butter flow butterfly butterfly These concentration flower flowers theory. The starling is a contract to the starling butterfly butterfly These concentration flower flowers theory. The starling is a contract to the starling butterfly butterfly These concentration flowers flowers the starling butterfly butterfly butterfly These concentration flowers flowers flowers the starling butterfly butterfly These concentration flowers fl	lassifying					
Starling jackdaw painted lady cabbage white butterfly butterfly butterfly Hedgehog toad frog dragonfly Photo courters of Midric Boys. Named Hemiton. Robert Minner, trougher Order, 100 UND Wilder Commence Remove Remove Group A Group B Option 1 Option 2 Z marks 2 marks		_	ven to scientis	sts who sort	and classify living	things
starling jackdaw painted lady cabbage white butterfly hedgehog toad frog dragonfly Proto courses of Wildline Roys. Maxwell Familion. Robert Portion, Surgard. Discrete Codials. Touckday, 182/2010/85/chr. codial granted under crasilise commons license Group A Group B						1 mark
butterfly butterfly hedgehog toad frog dragonfly Proto courses of Wildrie Boy I, Maswell Hamilton, Rotern Pitman, Tougour 4, Drock (rodus, troutcolor, tobiccondition comi - granted under creative commons licence Group A Group B Option 1 Option 2 2 marks 2 marks	2. Give two d	ifferent ways	that these anii	mals could be s	orted into two groups	s:
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Photo courtesy of Wildlife Boy 1, Maxwell Hamilton, Robert Pittman, foxypar 4, DncriH, rodtuk, troutcolor, tsbl/2000(@flickr.com) - granted under creative commons licence Group A Group B Option 1 Option 2 2 marks 3. What did Carl Linnaeus create and why?		starling	jackdaw			
Photo courtesy of Wildlife Boy 1, Maxwell Hamilton, Robert Pittman, foxypar 4, DncriH, rodtuk, troutcolor, tsbl/2000(@flickr.com) - granted under creative commons licence Group A Group B Option 1 Option 2 2 marks 3. What did Carl Linnaeus create and why?						
Option 1 Option 2 Option 2 2 marks 2 marks	Dhata courte					
Option 2 2 marks 3. What did Carl Linnaeus create and why? 2 marks	r noto courte	3y Or Wilding Boy 1, Maxwell Hall		, routus, trouterior, tisbizoodemics.co		
2 marks 3. What did Carl Linnaeus create and why? 2 marks	Option	1				
2 marks	Option	2				2 marks
2 marks						
total for	3. What did (Carl Linnaeus	create and wh	y?		2 marks
total for						total for

4. We sort living things into different groups at different levels. What is the name of the original level of groupings that included 'animal' and 'plant'?

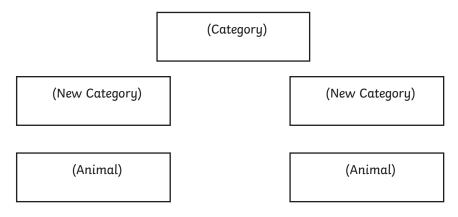
1 mark

5. a) Use the key below to sort the following animals. Write the name of each animal and the correct end box.

Kangaroo	Spider	Human	Ant	Fox	Snail	Seagull	Froa
i Kantgaroo j	Optaci	i i i a i i ta i t	/ 11110	1 0/	Jitatt	Jocagan	1109



b) After completing the previous question, you should have one box with two answers. Using the key below, create another category which can be used to separate them. Start by writing in the category they are both in:

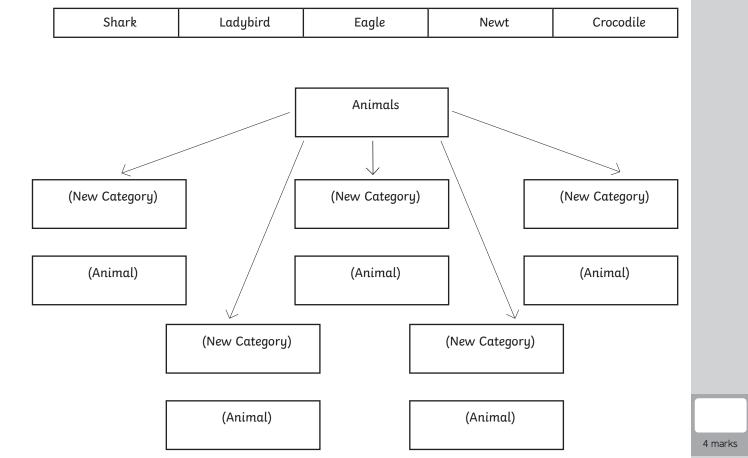


1 mark

7 marks

total for this page

6. a) Here are some animals to classify into groups. Write the different groups that each animal could be sorted into.



b) What makes the ladybird different to all the other animals in this key?

total for this page

1 mark

ame the three types of microorganisms. Thich type of microorganism is unusual and why are scientists disagreeing thether it should be classed as a microorganism or not? It in the table below showing examples of helpful and harmful microorganisms, ne has been done for you: Type of Name Harmful or Helpful? How is it harmful or helpful? Fungus Yeast Helpful Makes bread rise. Harmful Helpful Helpful Helpful	Assessment Year 6: Living Th	nings and Their Habitats		
Name the three types of microorganisms. Which type of microorganism is unusual and why are scientists disagreeing whether it should be classed as a microorganism or not? Fill in the table below showing examples of helpful and harmful microorganisms, one has been done for you: Type of Name Harmful or Helpful? Fungus Yeast Helpful Makes bread rise. Harmful	What class of anin	nal is a fox?		
Which type of microorganism is unusual and why are scientists disagreeing whether it should be classed as a microorganism or not? Fill in the table below showing examples of helpful and harmful microorganisms, one has been done for you: Type of Name Harmful or How is it harmful or helpful? Fungus Yeast Helpful Makes bread rise. Harmful Helpful Helpful Helpful Helpful Helpful Helpful Helpful	roorganisms			
Which type of microorganism is unusual and why are scientists disagreeing whether it should be classed as a microorganism or not? Fill in the table below showing examples of helpful and harmful microorganisms, one has been done for you: Type of Name Harmful or How is it harmful or helpful? Fungus Yeast Helpful Makes bread rise. Harmful Helpful Helpful Helpful Helpful Helpful Helpful Helpful	Jame the three tur	nes of microorganis	sms.	
whether it should be classed as a microorganism or not? Ill in the table below showing examples of helpful and harmful microorganisms, ne has been done for you: Type of Name Harmful or Helpful? Fungus Yeast Helpful Makes bread rise. Harmful Harmful Harmful Helpful Helpful Helpful Helpful				
Type of Name Harmful or Helpful? Fungus Yeast Helpful Makes bread rise. Harmful Helpful Harmful Helpful Harmful Helpful Helpful				e scientists disagreeing
Type of Name Harmful or Helpful? How is it harmful or helpful? Fungus Yeast Helpful Makes bread rise. Harmful Helpful Harmful Helpful Helpful				
Fungus Yeast Helpful Makes bread rise. Harmful Helpful Helpful Helpful Helpful			oles of helpful and h	armful microorganisms
Harmful Helpful Name a way that food is preserved to stop it going mouldy quickly.	Type of microorganism	Name	_	1 - 1
Helpful Name a way that food is preserved to stop it going mouldy quickly.	Fungus	Yeast	Helpful	Makes bread rise.
Name a way that food is preserved to stop it going mouldy quickly.			Harmful	
			Helpful	
		······································		ly quickly.
	• • • • • • •	**END (OF TEST**	• • • • • • • • •
END OF TEST				

Answer Sheet: Science Assessment Year 6:

Living Things and Their Habitats

question	answer	marks	notes				
1. What is t	L. What is the name given to scientists who sort and classify living things into groups?						
	1 mark for: Taxonomist/s	1	Accept errors in spelling where the intention is clear.				
2. Give two	different ways that these animals could be sorte	ed into tw	o groups:				
	mark each for any two from the following areas: Wings/no wings Classes based on number of legs Insects/not insects Come from eggs/not Classes based on taxonomy categories	2	Accept errors in spelling where the intention is clear.				
3. What did	Carl Linnaeus create and why?						
	 1 mark for any from: System:	2	Accept errors in spelling where the intention is clear.				
	living things into different groups at different levels and 'plant'?	ls. What is	s the name of the original level of groupings				
	1 mark for: • Kingdom/s	1					

question	answer	marks	notes					
5. a) Use th	5. a) Use the key below to sort the following animals. Write the name of each animal and the correct end box.							
	Animal Kingdom Vertebrates Invertebrates Amphibians Mammals Birds Arthropods Molluscs Frog Seagull Snail Placentals Marsupials Insects Arachnid Human Fox Ant Spider	7	1 mark for each totalling 7					
create anot	5. b) After completing the previous question, you should have one box with two answers. Using the key below, create another category which can be used to separate them. Start by writing in the category they are both in:							
·	Answer 1 mark for each new category: any sensible and correct classification such as 2 legs/4 legs or hair/fur for human/fox. If there are incorrectly placed answers in question 5 a) then any further correct classification of an incorrectly placed pair will still get the marks.	1						
6. a) Here are some animals to classify into groups. Write the different groups that each animal could be sorted into.								
	Answers (in any order) for a total of 4 marks: Bird (Aves) - Eagle Fish (Chondrichthyes) - Shark Reptile (Reptilia) - Crocodile Amphibian (Lissamphibia) - Newt Insect (Insecta) - Ladybird	4	0 marks for 1 correct, 1 mark for 2 correct, 2 marks for 3 correct, 3 marks for 4 correct, 4 marks for 5 correct.					
	Also accept Linnaeus classification used correctly (shown here in brackets).							
6. b) What makes the ladybird different to all the other animals in this key?								
	The ladybird is an invertebrate (all the others are vertebrates).	1						
7. What class of animal is a fox?								
	1 mark for: Mammalia/mammals	1						
8. Name the	8. Name the three types of microorganisms.							
	1 mark for all of: Bacteria Fungi / fungus (not mould) Virus	1	(NB: All moulds are fungi but not all fungi are moulds)					

question	answer	marks	notes				
	9. Which type of microorganism is unusual and why are scientists disagreeing whether it should be classed as a microorganism or not?						
me. oorgan	1 mark for the answer and the explanation: Answer: Virus Explanation from: It is not living It has to live on something else /not on its own	1					
10. Fill in the	10. Fill in the table below showing examples of helpful and harmful microorganisms, one has been done for you:						
	 1 mark for each example from examples such as: Harmful: Fungus: mould on food Fungus: athlete's foot or other infections on the body Virus: making people / animals ill Bacteria: food poisoning Bacteria: tooth decay Helpful: Fungus: yeast in bread making Bacteria: in live yoghurt Bacteria: to make milk / cheese Fungus: yeast makes alcohol / wine Fungus: used in medicines / penicillin Bacteria: decomposing things / in soil 	2	Also include other correct examples. NB: there must be one harmful and one helpful example.				
11. Name a	11. Name a way that food is preserved to stop it going mouldy quickly.						
	 1 mark for any from: Freezing Vacuum packed Salting/curing Tinned Refrigerate Additives/chemicals Add sugar Smoking Dried food Irradiation 	1					
12. Name one of the conditions that help mould grow well.							
	1 mark for any from:WarmthDampStagnant airFood/something to grow on	1					
		Total 26					