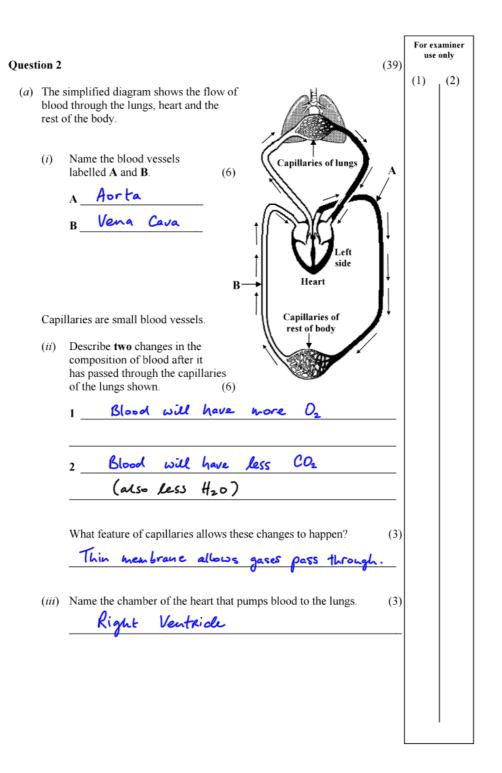


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(e)	The diagram shows an animal cell. Name part A.	le F	For examiner use only	
(-)	Name of A Men brane		(1)	(2)
	What important structures are located in B ?)		
	What? Chromosomes (Genes /DNA)			
(f)	The diagram shows the inside of a human mouth. Give the name of tooth type A.			
	Name usicor	В		
	What is the function of tooth type B ?			
	Function Chew food			
(g)	Name one invertebrate animal and one vertebrate animal.			
	Invertebrate Human			
	Vertebrate Human			
(h)	Four methods of waste management are: composting, incineration, landfill and recycling.			
	(i) Pick two from the list and state how each works. The name of the selected method must be given with each.			
	First name Land fill			
	How it works <u>rubish</u> is put in a hole	_		
	in the ground.	_		
	Second name Incineration			
	How it works <u>rubish</u> is burnt	_		
		-		
	(ii) Give one advantage and one disadvantage of a named method.			
	Method Incineration Advantage It gets rid of rubish	-		
	Disadvantage May release harmful gases (7 × 6 + 1 × 10	-		
	How it works <u>fubish</u> is put in a hole in the ground. Second name <u>Incineration</u> How it works <u>fubish</u> is <u>burnt</u> (ii) Give one advantage and one disadvantage of a named method. Method <u>Incineration</u> Advantage <u>It gets fid of fubish</u> Disadvantage <u>May release harmful gases</u>			

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in the	diagram shows a baby e womb. The placenta ambilical cord are labelled.	Exa	or miner only (2)
(i)	Give two functions of the placenta. (6) 1 Trans ports D ₂ to baby Calso Muhients)		
(ii)	2 Transports Waste (eg Coz) out to mother What is the function of the umbilical cord, which connects the baby to the placenta? (3)		
(iii)	What? Connects placenta to baby to transport Oz, Coz, nutrients, waste Describe, briefly, four events that occur at the end of pregnancy (i.e. just before birth, at birth and just after birth). (12) 1 **Contractions**		
	Cervix opens Water breaks Baby passes down birth canal Umbilical chord cut Placenta passes Mother produces Colosteum		

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		aminer only
(b) The diagram shows a simplified food web from a mixed habitat.	(1)	(2)
Thrush Owl Fox Butterfly Mouse Rabbit Grasshopper Animal and plant remains and wastes Green plants		
Answer the following questions using only <u>items from the diagram</u> above in your answers. (2	1)	
(i) Write a food chain with three members.		
Green Plant -> Rabbit -> Fox	_	
(ii) Decomposers are not shown in the diagram. What would decomposers feed on?		
Animal & plant remains and wastes	_	
(iii) Give one example of adaptation.		
Birds have Wings to fly	_	
(iv) Name two animals that might be in competition.		
1 Dwl 2 Fox	_	
(v) What is meant by the term interdependence? Give an example of interdependence.		
Organisms depend on each other for	_	
Organisms depend on each other for Survival. eg. Buterfly get food from	_	
flowers, Plants get Pollinated by Butterfly		

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	Chemistry	For exa	
Quest	tion 4 (52)	(1)	(2)
	The diagram is an outline periodic table. One area, a group of elements, is shaded. Name this group of elements and give one chemical property that they have in common. Group Akali wetals Property Very reachive		(2)
(b)	Describe how to measure the pH of lemon juice. Describe use pH meter		
(c)	What? Same atom (element) with different number of neutrons.		
(d)	The photograph shows severe rusting of the steel body of a motorcar. Give one condition necessary for rusting to occur. Describe one method of preventing rust happening. Condition presence of Oz (and Hzo) Method Paint		

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