entre o.	Paper Reference (complete below) Surname	Initial(s)
andidate o.	Signature	
Paper Ref	ference(s) 77/18 5657/18	Examiner's use only
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Sc	ience: Single Award B (1535)	
Sci	ience: Double Award B (1536) plogy B (1529)	Question Leave Number Blank
(M	(132)	1
(IVI Par	ner 1 \mathbf{R}	2
		3
H	oundation Tier	4
Мо	onday 6 June 2005 – Afternoon	5
Tin	ne: 30 minutes	6
Matai	rials required for evamination I tams included with question name	7
nstructions to Candidat the boxes above, write yo gnature, and complete the nswer ALL questions in the how all stages in any calcu- nclude diagrams in your ans nformation for Candida the marks for the various para	tes but centre number, candidate number, your surname, initials and paper reference. e spaces provided in this question paper. lations and state the units. Calculators may be used. swers where these are helpful. ates arts of questions are shown in round brackets: e.g. (2).	
here are 7 questions in this here are 8 pages in this que	equestion paper. The total mark for this paper is 30. estion paper. Any blank pages are indicated.	
avice to Candidates		
This symbol shows w	where the quality of your written answer will also be assessed.	
		Total
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The diagram show	s part of the urinary system	n.		Lea bla
		kidney		
		renal artery		
		renal vein		
		bladder		
/				
(a) Underline the	correct words to complete	the following sentence	S.	
(i) Waste ure	a is taken out of the blood	kidney. by the renal artery .		
(i) Wuste ure		renal vein.		
		rangl artary	(1)	
(ii) Urine is c	arried away from the kidne	ey by the renal vein .		
		ureter.	(1)	
	renal vein.		(1)	
(iii) Urine is st	tored in the ureter.			
	bladder.		74 \	
			(1)	
(b) Choose the co	rrect word from the box to	complete the following	g sentence.	
	liver lungs	stomach		
l				
	n the		(1)	
Urea is made i			(1)	Q2







(d) In the first experiment, the two alleles were for long and short stems. What is meant by the term allele? 	Q5
(Total 5 marks)	
wall of villus lacteal blood capillaries vein, returning blood to liver artery, bringing blood from heart Explain how the villus is adapted to absorb food.	Q6
(Total 4 marks)	

