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Organisation of the Organism

Question Paper

Level	IGCSE
Subject	Biology
Exam Board	CIE
Topic	Organisation of the Organism
Sub-Topic	
Paper Type	Alternative to Practical
Booklet	Question Paper

Time Allowed: 12 minutes

Score: /10

Percentage: /100

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Fig. 3.1 shows sections through ginger (*Zingiber officinale*) and lotus (*Nelumbo nucifera*) stems.



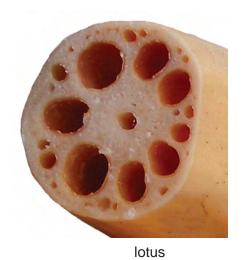


Fig. 3.1

- (a) (i) State one **visible** similarity between the two stems.
 - (ii) Complete Table 3.1 to show three visible differences between the two stems.

Table 3.1

	stem	
difference	ginger	lotus
1		
2		
3		

[1]

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(b)	Lotus plants live in water.
	Suggest and explain an adaptation of the lotus stem to its water habitat.
	[2]
(c)	The cells of lotus roots contain starch grains.
	Describe how you would prepare a microscope slide of the cells of a lotus stem to show the starch grains.
	[4]
	[Total: 10]