

# Organisation of the Organism

## Question Paper

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

**Time Allowed:** 12 minutes

**Score:** /10

**Percentage:** /100

- 1 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.

..... [1]

- (ii) Complete Table 3.1 to show three **visible** differences between the two stems.

Table 3.1

difference	stem	
	ginger	lotus
1	..... .....	..... .....
2	..... .....	..... .....
3	..... .....	..... .....

[3]

(b) Lotus plants live in water.

Suggest and explain an adaptation of the lotus stem to its water habitat.

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..... [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.

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..... [4]

[Total: 10]