





CHAPTER 1: INTRODUCTION TO BIOLOGY

Paper 2 (Section A – Structured Item)

1. A group of students want to carry out an experiment to answer the following research question.

"How does body posture affect the pulse rate?"

Sta	te the aim of this experiment.	
i.	Explain what a manipulated variable is.	[1 mark]
		[2 marks]
ii.	State the manipulated variable of this experiment.	[1 mark]
i.	Explain what a responding variable is.	
ii.	State the responding variable of this experiment.	[2 marks]
		[1 mark]

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NEXUS SPM BIOLOGY FORMS 4 & 5

Page **013** (Extra Practice)





(d)	1.	Explain what a controlled variable is.	
			[2 marks]
	ii.	State two controlled variables of this experiment.	
		1	
		2	FQ 1.1
			[2 marks]

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