

WJEC (Eduqas) Biology GCSE
Topic 4.1 Nervous Co-ordination
and Control in Humans
Questions by Topic - Mark
Scheme

1.	Sub-section	Mark	Answer	Accept	Neutral answer	Do not accept
	(a)		1	Pancreas;		pancrease

2.	Question	Marking details	Marks Available
	(b)	(i) I F } II G;	1

3.	Question	Marking details	Marks available					
	(a)		AO1	AO2	AO3	Total	Maths	Prac
		A Correct position for pancreas (1) line must touch pancreas accept arrow/line labelled A	2			2		

4.	Question	Marking details	Marks Available
	(a)	Hormone = insulin in both boxes ; Organ = pancreas; Increase = glucose; Decrease = glucose;	2 1 1 1
	(b)	Any two from Chemical messengers; Carried in blood; Controls {body/a} {function/process}; (Insulin) decreases glucose in the blood; Hormones produced by {pancreas/ glands};	2
	Question 4 total		[7]

5.	Question			Marking details	Marks Available					
					AO1	AO2	AO3	Total	Maths	Prac
	(a)			A change from {optimal/normal} (internal conditions) (1) resulting in the body {compensating/responding} and restoring {balance/optimal conditions/normal conditions/set level} (1)	2			2		
	(b)	(i)		Temperature decreased		1		1		

6.	Question			Marking details	Marks Available
	6	(a)		Negative feedback; NOT homeostasis	1

7.	Sub-section			Mark	Answer	Accept	Neutral answer	Do not accept
	(a)			1	<u>hormone</u> ;			
	(b)			3	pancreas; (phonetic spelling) glucose; (correct spelling) glycogen; (correct spelling)			pancrease