Circle the letter that correct	ly matches each	statem	ent.		The The		
1 Identify the correct state	ement about ser	sitivity			idas		
a) All organisms respond	d to stimuli quick	cly.					
b) Only animals respond	l to stimuli.				THE PERSON NAMED IN		
c) Only organisms with sense organs respond to stimuli.							
d) All organisms respond	d to stimuli.						
					[1 mark]		
2 Which of these make up	the central nerv	ous sy	stem?		T (S		
a) Brain and nerves		b) Spi	nal cord ar	nd nerves	H (d		
c) Brain and spinal cord		d) Brain, spinal cord and nerves			TO		
			DATE OF THE PARTY OF		[1 mark]		
3 The main control areas	of the body are l	ocated	in the:				
a) spinal nerves and spir	nal cord	b)	spinal ner	ves and brain	HAVE BY		
c) brain and spinal cord		d)	spinal core	d and spinal ner	ves		
					[1 mark]		
4 Which hormone affects	the normal use of	of suga	r in the bo	dy?	HW (C)		
a) Adrenalin b)	Thyroxin	c) Oes	trogen	d) Insulin			
					[1 mark]		
5 When adrenalin is release to occur?	sed into the bloc	d whic	h of the fo	ollowing is MOST	LIKELY		
a) The heart beats slowe	er	b) Dig	estion spe	eds up	3.55		
c) Muscle activity increa	ses	d) Me	ntal proces	sses slow down	166		
					[1 mark]		
6 What is the name of the small gaps between neurons?							
a) Dendrites b)	Synapses	c) Axo	ons	d) Myelin she	eaths		
The same of the sa					[1 mark]		

7 The following observations were made in an experiment carried out on female rabbits.

Action taken	Age	Observations
The pituitary gland removed	Young	Ovaries did not develop
	Mature	Ovaries and uterus stopped working

What do these results indicate?

- a) The ovary hormone influences the uterus.
- b) Hormones from the ovaries influence the pituitary.
- c) There is a feedback of ovaries to the uterus.
- d) The pituitary gland influences the ovaries and the uterus.

[1 mark]

- 8 Which gland is also referred to as the master gland?
 - a) Thyroid
- b) Pituitary
- c) Ovary
- d) Adrenal

[1 mark]

- 9 Which of the following statements are TRUE of hormones? They:
 - I. are secreted directly into the blood
 - II. digest food stuffs
 - III. are secreted by the endocrine glands
 - IV. influence physical and mental changes
 - a) I, II and III
 - b) I, II and IV
 - c) I, III and IV
 - d) II, III and IV

[1 mark]

- The pancreas is not producing any hormones. What would happen to the glucose levels?
 - a) High in the blood and urine
 - b) Low in the blood and urine
 - c) High in the blood and low in the urine
 - d) Low in the blood and high in the urine

[1 mark]

Ms Graham's students are all anxiously waiting for class to begin. The school bell always rings to signal the start of classes and each room has a clock.



FIG 5.1

What two things would the students use to know that it is the start of class, and which sense would they use for each?

Item	Sense used
	1

[2 marks]

	ii. If one of the students had his head on the table how would he kinds class had started?	now that
i	ii. Lunch is served. What senses are involved in eating the lunch?	[1 mark]
i	v. Use the diagram of the tongue below to show where the variou from the lunch would be detected. Write answers on the lines p	[2 marks] s tastes rovided.
	FIG 5.2	[4 marks]
	me the nerve which takes messages to the brain from the:	erve
i.	eye:	erve
ii.	nose:	erve
iii.	ear:	[3 marks
) Ror	nald has a cold, and complains that he cannot seem to taste where s. Explain to Ronald why this happens.	natever he
-		
_		[2 mark