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SENIOR COLLEGE TRIAL EXAMINATIONS TERM 3

CASE STUDY AND ESSAY BASED ASSESSMENT PII

FORM 5 IEB LIFE SCIENCES

EXAMINER	C. MCGRATH	MODERATOR	C. MYBURGH
TEACHER	CMG/ CMY	DATE	04 SEPTEMBER 2024
TIME	2 HOURS	TOTAL	100

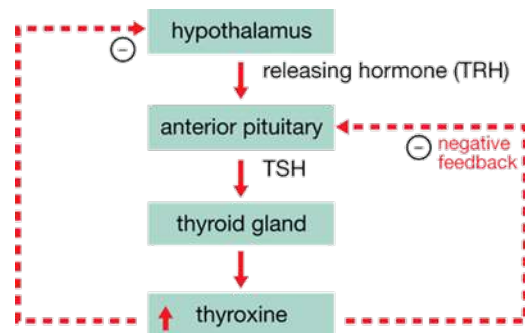
MARKING GUIDELINES**PLEASE READ THE FOLLOWING INSTRUCTIONS CAREFULLY**

1. Write your name and surname in the blocks above.
2. This question paper consists of 14 pages and Source Material Booklet of 13 pages (i–xiii). Please ensure that the booklet is complete. Remove the Source Material Booklet from the middle of the question paper.
3. This question paper consists of three questions. Question 1 and Question 2 are case studies and Question 3 is an essay. Read the sources provided in the Source Material Booklet and use this information to answer the questions.
4. Answer ALL questions in the spaces provided on the question paper.
5. Read the questions carefully.
6. Write in dark blue or black pen.
7. You may use a pencil for any diagrams, graphs or rough working.
8. Show ALL calculations clearly. Indicate units of measurement, where applicable.
9. Use the total marks that can be awarded for each of Questions as an indication of the detail required.
10. It is in your own interest to write legibly and to present your work neatly.
11. One additional page is included at the end of this paper. If you run out of space for an answer, use this page. Carefully indicate the number of your answer should you use this extra space.

For Markers' USE ONLY					
QUESTION	1	2	3	TOTAL	%
STUDENTS MARK					
MAX. MARK	30	30	40	100	
MOD. MARK					

SECTION A			
QUESTION 1			
Refer to pages ii–v of the Source Material Booklet. Use this information as well as your own knowledge to answer the questions below.			
1.1	Give the correct definition for the following terms used in the text:		
	1.1.1	Hyperthyroidism	
		A condition where the thyroid gland secretes too much thyroxin;	(1)
	1.1.2	Gestation	

1.3	Draw a flow diagram to show how negative feedback between the hormones released by the thyroid gland affects the release of the hormone by the pituitary gland.		



		Format; 2. Correct order;;; 3. Correct negative feedback indicated;;	
			(6)
1.4		Using the information provided, state whether the following statements are TRUE or FALSE .	
	1.4.1	High levels of thyroxin can cause a miscarriage.	
		True;	(1)
	1.4.2	A pregnant women should not be concerned if pregnant and diagnosed with Grave's disease.	

		False;	(1)
1.4.3	Grave's disease is a manageable disease during pregnancy.		
		True;	(1)

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