	NPH-1222- Physiology in SEQ Paper -Part A	
February 20	18 Durat	tion: Thirty(30) minutes
Index number:		
Part A		
1.1		
1.1.1 List three	functions of ionized calcium in the body	(10 Marks
1.1.2 Name tw	o hormones important for calcium homeost	asis and their main actions
		(20 Marks
(a)		

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(b)	
1.1.3 Following a thyroidectomy a patient developed carpopedal spasm. I physiological basis for it.	Explain the (20 marks)
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complained a clear fluid discharge from her nipples. The doctor told	that it is physiologic
1.2.1 Explain the physiological basis of this discharge from her nipples	5 (20 Marks
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2.2 Her hemoglobin level and blood pressure were less than the pre pr	egnant values
2.2.1 Explain the decrease in blood pressure during pregnancy	(15 Marks)
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	1.2.2.2 Explain the decrease in plasma hemoglobin level during pregnancy (15 Marks)	
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A 90000	University of Ruhuna
	Department of Nursing 2 nd End Semester Examination
	NPH-1222 Physiology inNursing
	SEQ Paper –Part B
February 2018	Duration: Thirty (30) minute
Index number:	
Part B	
1.1 Explain how th	he hypothalamus regulates the functions of the pituitary gland.
	(20 mar

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1.2	Explain how negative feedback regulation of hormone secretion oc endocrine system using one of the anterior pituitary hormones as an	ow negative feedback regulation of hormone secretion occurs in the system using one of the anterior pituitary hormones as an example			
		(20 marks)			
	······				
1.3	Explain the difference between gigantism and acromegaly	(10 marks)			

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1.4 Briefly des	cribe the outflow	of autonomic nerves	from the central ne	rvous system.
				(10 mark

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1.5 What are major types of autonomic receptors	(10 marks)
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er en service de la factor de la cale de la cale de la cale de la cale de la factor de la cale de la cale de la	
1.6 Describe the effects of sympathetic activation on urinary	bladder and micturition
×	(15 marks)
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1.7 Desc	ribe the effects o	fparasympathetic	activation on gastr	ointestinal tract	and digasti
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