

University of Ruhuna - Faculty of Medicine Allied Health Sciences Degree Programme B.Sc. Nursing Degree Programme 2ndEnd Semester Examination NPH 1222- Physiology II SEQ paper- Part A

February 2017

Duration: Half (1/2) hour

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ndex Number	
	f the pancreas, Explain
1.1 Serum C peptide level is used to assess the insulin secretory capacity of the physiological basis of this.	(20 marks)
	material security security and entire security of the department
A STATE OF THE STA	Actor page (1) estat artis (10 marks)

2 Explain mechanism of action of insulin in reducing blood sugar	(20 marks)
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au	
A RIESTAND REPORTED DE TO TOUR DE PROPERTIE DE REPORTED DE LA REPORTE DE RECEPCION DE LA RECORDA DE	
State two (2) rapid actions of insulin (other than facilitation of entry of glue (10 marks)	ncose into cells).

2.1 What is glomerular filtration rate (GFR)?	(05 Marks
2.2 State a factor/ condition that	
a. Increase GFR	(05 marks
b. Decrease GFR	(05 mark
2.3 State two (2) hormones secreted by the kidney and state the mai	in actions of them. (20 Mark
2.4 When the glomerular filtrate is formed it is isotonic. When it paths the volume decreases. However it remains isotonic at the end of prohypertonic at the end of the descending limb of loop of Henley and of ascending limb of loop of Henley. Explain this.	asses along the renal tubule oximal tubule, become
or ascerding mine or roop or resident, Employer	



University of Ruhuna - Faculty of Medicine Allied Health Sciences Degree Programme B.Sc. Nursing Degree Programme 2nd End Semester Examination NPH 1222- Physiology II SEQ paper- Part B

December 2015

Duration: Half (1/2) hour

Index Number	
1. 1.Describe the basic components of a "reflex arc"	(20 marks)
, b	
,	
1.2 Briefly describe the major differences between a mono and poly	
examples for each	(30 marks)

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	-
1.3 Describe the ionic basis of an action potential of a nerve (40 marks)	

A CL C Alexander and an application valority and fibre diameter	(10 marks)
4 Classify the nerves based on conduction velocity and fibre diameter	(10 marks)

