ALLIED HEALTH SCIENCES DEGREE PROGRAMME



First End-Semester Examination for B.Sc. Nursing Degree

BHS 1 Basic Sciences Paper II - Time: 3.00 hours

November 2011

Section A

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Unive	rsity of	Ruhun	. Fa	culty	ni a

Index Number:		Affice Health Scient In Programme
	5) questions in the given space (01 hour	University of Ruhuna, Faculty of Medicine for each section Xarapitiya, Galla.
Answer all six (06	o) questions in the given space (or thous	Sri Lanka
1.0 Answer th	e following questions using labeled dia	grams where appropriate
	yers of the anterior abdominal wall.	(10 marks)
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Outline the e	embryological developme	ent of the gastro	ntestinal syste	m. (20 mar)	cs)
	embryological developme		ntestinal syste		
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1	the anatomy of the large interns	086
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	(10marks)	
	2.1 What is "conditioning of air"?	
tr.	2.2 Briefly describe the functional adaptations of upper respiratory tract for co	nditioning air (20 ma
•	2.2 Briefly describe the remove	
>		

2.3 V	Write short notes on air- blood barrier of the lungs.	(20 marks)

		•
2.4 [
2.4	Describe the blood supply of the heart.	
2.4 [

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		and the second second second and the second	and the second second
2.5	Describe the excretory passage of the urinary system.		(30 marks)

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FACULIY OF MEDICINE ALLIED HEALTH SCIENCES DEGREE PROGRAMME

First End-Semester Examination for B.Sc. Nursing Degree

B.Sc Nursing

November 2011

Affled Health Scraff Theorem Programme Section B

Index Number: Karapitiya, Galla.

0 Write short notes on the following	
1 Ribonucleic acid (RNA)	(25 marks)
3.2 Phospholipids	(25 marks)
Case you as 15 lives	







ALLIED HEALTH SCIENCES DEGREE PROGRAMME

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BSc Nursing Basic Sciences Paper II

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Index Number:

Affled Health Scharf Programme Section B

Karapitiya, Galla. Sri Lanka

Write short notes on the following 3.0 Ribonucleic acid (RNA) (25 marks) 3.1 (25 marks) 3.2 Phospholipids

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2.5 Describe the excretory passage of the urinary system.	(30 mark
	Tanana and an analysis of the same and an analysis of the

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24 1040	Ca A maduatasa	(25 marks)
3.4 HMG	CoA reductase	(23 marks)
	in the biochemical basis for the following	
4.1 Some	enzymes serve as a tool in clinical diagnosis	(25 marks)

ligh protein diets are restricted for the patients with hyperammonemia	(25 marks)
Regular intake of higher amounts of fructose containing foods is not fa	vorable for health
Regular intake of higher amounts of fructose containing foods is not fa	vorable for health (25 marks)
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Regular intake of higher amounts of fructose containing foods is not fa	(25 marks)
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1.4	High Density Lipoprotein (HDL) is considered as "good cholesterol"	(25 marks)

righ protein diets are re



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B.Sc Nurs Health School C

Karapitiya, Galla.

Index Number:-

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Explain how	the action potentia	al of a cardiac mu	iscle fibre is co	onverted to	a mecha	anical acti
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Explain how	the action potentia	al of a cardiac mu	scle fibre is co	onverted to	a mecha	anical acti

this observation using your physiology knowledge.	(40 mar)
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5.4 A soldier fainted after standing to attention for two hour of	duration. Explain this observation
using your physiology knowledge.	(20 mark

	(10 marks)
Explain the term renal clearance	(10 marks)
Explain why inulin clearance is used to measure the GFR	(20 marks)
Explain why inulin clearance is used to measure the OTK	(20 mans)
2 List the signs and symptoms of hyperthyroidism	(20 marks
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