ober 2013	UNIVERSITY OF RUHUNA FACULTY OF MEDICINE LLIED HEALTH SCIENCES DEGREE PROGRAMME First End-Semester Examination for B.Sc. Nursing Degree BHS 1 Basic Sciences Paper II - Time: 3.00 hours Part -A	
Index Number: Answer all Six Qu	estions separately in the given space (30 min for each questio	n)
.1 List the laye	rs of the anterior abdominal wall.	(15 marks)
.2 Using a label	led diagram indicate the layers of the gastrointestinal tract	(15 marks)

1.3 Draw a labeled diagram showing the nine regions of the abdomen and name one structure each that underlies the respective regions. (20 marks)

K

Name the layers that cover the heart and outline the function of each layer. (20 marks) 1.4 53 Compare and contrast the macroscopic appearance of large and small intestines. (30 marks) 1.5 **** _____ ***** 0

UNIVERSITY OF RUHUNA FACULTY OF MEDICINE ALLIED HEALTH SCIENCES DEGREE PROGRAMME



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

BHS 1 Basic Sciences Paper II Part -B

October 2013

Index Number:

	(20 mir	for each question)
Answer all Six Questions separ	ately in the given space (30 mil	1 Ioi cach question,

Nome the cranial nerves which have parasympathetic function.	(20 Marks)
2.1 Name the creation and	

22	Briefly describe the nerve supply to the tongue.	(30 Marks)
2.2	Dilotiy	
••••		
		• • • • • • • • • • • • • • • • • • • •
•••	***************************************	
• • •		

••		
•	********	

2.3 Name the main arteries that supply the brain and state the route they enter the cranial cavity

3



2.4 Draw a labeled diagram of the eye to show its anatomy.

(25 Marks)

G).

51

0)

NIVERSITY OF RUHUNA **ACULTY OF MEDICINE H SCIENCES DEGREE PROGRAMME**

ester Examination for B.Sc. Nursing Degree

BHS 1 Basic Sciences Paper II Part -C

		caen question,
3.1	List five (5) functions of a cell	(15 marks)
•••••		
	٠ • • • • • • • • • • • • • • • • • • •	
3.2	List five (5) types of conjugated proteins	(15 mark
•••••		
•••••	••••••	1
	•	
		· ·····
	a kan an a sa an	
3.3	List five (5) factors affecting enzyme activity?	(15 mar)
		· · · · · · · · · · · · · · · · · · ·
	and and the second s	i comune de C
	***************************************	• • • • • • • • • • • • • • • • • • • •

2

3.4 You are provided with a solution containing a carbohydrate which is positive to Benedict's and Barfoed's tests. That solution gives a negative result to Saliwanoff's test.
State what could be in the above solution with reasons? (10 marks)

	·····
	()
3.5 Write short notes on	£
3.5.1 Secondary structure of protein	(15 marks)
	6
nun CLI	
	¢
	8
······	······

		079 ⁷
3.5	5.2 Biological importance of carbohydrates	(15 marks)
••••		
•••		
•••		
•••		
•••		
•••		
3.	.5.3 Active transport across the membranes	(15 marks)
•••		
•••		
•		
•		
•	······	



			•••••	
			2	
080.2				·····
				F
				f*
4.5 State five cause	es for hypoxic hypoxia.		(15	marks)
			••••••	
4.6 Explain the me	chanisms of hypoxic hypo	oxia in two of the conditi	ion stated above (25	marks)
		· · · · · · · · · · · · · · · · · · ·		, A
	••••••			
,				
. in				
•••••	•••••••••••••••••••••••••••••••••••••••			
er Jimer 1713		• •		
	- 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000			
				6
				a based

200	3070	First End-Semester Examination for B.Sc. Nu	rsing Degree	(
Oct	ober 2013	BHS 1 Basic Sciences Paper II Part -E		
nde	x Number:			
Insv	wer all Six	Questions separately in the given space (30 min fo	or each question)	
1	D			
.1	Draw a c	learly labeled diagram of an ECG wave	(20 Marks)	
2	What avo	nt of the electrical and it of the		
2	P wave of	TECC:	resented by the (30 Mark	s)
2.1	r wave of	ECG:		
2.2	ORS com	plex of ECG.		
		, , , , , , , , , , , , , , , , , , ,		
3	T wave of	ECG.		
	1 OI	200.		
				*** ***

	State three (03) situations in which the heart rate is	(30 Marks)
5.3.1	higher than normal :	
5.3.2	lower than normal :	
5.4	State two (02) ECG changes that occur in acute myocardial infarction (MI)	(20 Marks)
		<u></u>
18 Jao 18 40 Jao Jao Jao Jao		
ingi di	n ()	
1	n (1997) - Anna ann à chuir ang an thang an thang an tha grantan husinnadh add brann 1997 - Anna Anna Anna Anna Anna Anna Anna An	
hadi i /		
100111 / 		

		082
October 2013	UNIVERSITY OF RUHUNA FACULTY OF MEDICINE ALLIED HEALTH SCIENCES DEGREE PROGRAMME First End-Semester Examination for B.Sc. Nursing Degree BHS 1 Basic Sciences Paper II Part F	
Index Numbe Answer all Si	r: x Questions separately in the given space (30 min for each questi	on)
6.1 What i	s glomerular filtration rate (GFR)?	(10 Mark
6.2 List th	he functions of the kidney?	(30 Marks)
	ERUHUNA - G	44/2
	30 NOV 2	120
	The second secon	18) 189
6.2 Ext	blain how the kidney help to maintain the blood pressure in hypovole	emic shock(30 M

<u>0.80</u>	
.3 Describe the role of kidney in calcium Metabolism	(30 Marks)
in Forchess of the indang 2	