



FACULTY OF MEDICINE
ALLIED HEALTH SCIENCES DEGREE PROGRAMME

085

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

BHS 1 Basic Sciences Paper II - Time: 3.00 hours

November 2011

Section A

Co-ordinator

B.Sc Nursing

Allied Health Sciences Degree Programme
University of Ruhuna, Faculty of Medicine
Karapitiya, Galle,
Sri Lanka

Index Number:

Answer all six (06) questions in the given space (01 hour for each section)

1.0 Answer the following questions using labeled diagrams where appropriate

1.1 List the layers of the anterior abdominal wall. (10 marks)

Four sets of horizontal dashed lines for writing the answer to question 1.1.

1.2 Draw a labeled diagram to indicate the sites where the oxygenated blood mixes with the deoxygenated blood in fetal circulation. (20 marks)

Eleven sets of horizontal dashed lines for drawing and labeling the diagram for question 1.2.

Blank lined area for writing the answer to the first question.

2.1 What is "conditioning of air"? (10marks)

Blank lined area for writing the answer to question 2.1.

2.2 Briefly describe the functional adaptations of upper respiratory tract for conditioning air (20 marks)

Blank lined area for writing the answer to question 2.2.

25 Describe the excretory passage of the urinary system.

(30 marks)





FACULTY OF MEDICINE
ALLIED HEALTH SCIENCES DEGREE PROGRAMME

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

180

November 2011

Co-ordinator
BHS 1 Basic Sciences Paper II
B.Sc Nursing

Allied Health Sciences Degree Programme
Section B
Faculty of Medicine

Karapitiya, Galle.
Sri Lanka

Index Number:

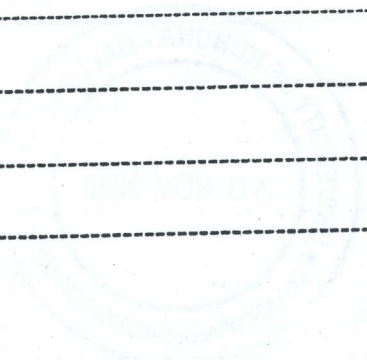
3.0 Write short notes on the following

3.1 Ribonucleic acid (RNA)

(25 marks)

3.2 Phospholipids

(25 marks)



25 Describe the excretory passage of the urinary system.

(30 marks)



4.2 High protein diets are restricted for the patients with hyperammonemia (25 marks)

Blank lined area for writing the answer to question 4.2.

4.3 Regular intake of higher amounts of fructose containing foods is not favorable for health (25 marks)

Blank lined area for writing the answer to question 4.3.

high protein diets are re



UNIVERSITY OF RUHUNA
FACULTY OF MEDICINE
ALLIED HEALTH SCIENCES DEGREE PROGRAMME

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

BHST Basic Sciences Paper II - Time: 3.00 hours

November 2011

B.Sc Nursing
Allied Health Sciences Degree Programme
University of Ruhuna, Faculty of Medicine
Karapitiya, Galle,
Sri Lanka

Index Number:-

5.1 Explain the physiological basis of action potential of a cardiac muscle cell. (20 marks)

5.2 Explain how the action potential of a cardiac muscle fibre is converted to a mechanical action. (20 marks)

6.1 Explain the term renal clearance

(10 marks)

6.2 Explain why inulin clearance is used to measure the GFR

(20 marks)

6.2 List the signs and symptoms of hyperthyroidism

(20 marks)

