



UNIVERSITY OF JAFFNA, SRI LANKA
FACULTY OF ALLIED HEALTH SCIENCES
First Year Second Semester Examination in BScHons (Nursing) - 2021

NURPY 1243 PHYSIOLOGY FOR NURSES II - PAPER II

Date: 16.06.2023

Time: 2 hours

Answer all the six questions.

1. Briefly explain the physiological basis of the changes in body weight in:
 - 1.1. Uncontrolled diabetes mellitus (40 Marks)
 - 1.2. Hyperthyroidism (30 Marks)
 - 1.3. Acromegaly (30 Marks)

2.
 - 2.1. Describe Biceps jerk (40 Marks)
 - 2.2. Explain the basis of altered blood pressure in patients with severe pain in the leg (40 Marks)
 - 2.3. List 4 signs of upper motor neuron lesion. (20 Marks)

3. Briefly explain:
 - 3.1. Nerve deafness (25 Marks)
 - 3.2. Tunnel vision (25 Marks)
 - 3.3. Narcolepsy (25 Marks)
 - 3.4. Sleep walking (25 Marks)

4. Describe:
 - 4.1. Protection of gastric mucosa from its secretions (25 Marks)
 - 4.2. The prevention of reflux of gastric contents into the esophagus (25 Marks)
 - 4.3. Defecation reflex (50 Marks)

5. Explain the physiological basis of the following
 - 5.1. Polyuria in diabetes Insipidus (30 Marks)
 - 5.2. Proteinuria in glomerular disease (30 Marks)
 - 5.3. Polyuria following Frusemide injection (40 Marks)

6. Explain the physiological basis of the following:
 - 6.1. Using estrogen and progesterone pill for contraception (35 Marks)
 - 6.2. Muscle mass increases in males during puberty (30 Marks)
 - 6.3. Importance of commencing breast feeding within 1 hour of child birth. (35 Marks)