



UNIVERSITY OF JAFFNA, SRI LANKA  
FACULTY OF ALLIED HEALTH SCIENCES  
FIRST YEAR SECOND SEMESTER EXAMINATION IN BScHons (Nursing)-2022  
NURPY 1243 PHYSIOLOGY FOR NURSES II

PAPER II

Date: 10.06.2024

Time: 2 hours

Answer all the six questions.

1.
  - 1.1. List the hormones secreted from hypothalamus (20 Marks)
  - 1.2. List five functions of Thyroxine (25 Marks)
  - 1.3. List five features of Cushing syndrome (25 Marks)
  - 1.4. Explain the basis of polyuria in Diabetes Insipidus (30 Marks)
2.
  - 2.1. Write the sensations carried by spinothalamic tract (10 Marks)
  - 2.2. Explain referred pain (35 Marks)
  - 2.3. List 4 signs of cerebellar lesion. (20 Marks)
  - 2.4. Describe knee jerk (35 Marks)
3. Briefly explain:
  - 3.1. Myopia (25 Marks)
  - 3.2. Conduction deafness (25 Marks)
  - 3.3. Deep sleep (25 Marks)
  - 3.4. Motor unit (25 Marks)
4.
  - 4.1. Describe swallowing (40 Marks)
  - 4.2. List the functions of gastric acid (30 Marks)
  - 4.3. Briefly explain the mechanisms that protect the gastric mucosa from gastric acid (30 Marks)
5.
  - 5.1. Define glomerular filtration rate (10 Marks)
  - 5.2. Describe the barriers involved in glomerular filtration (30 Marks)
  - 5.3. Briefly describe the forces in the glomerular capillaries that are involved in glomerular filtration (40 Marks)
  - 5.4. Explain the basis of albuminuria in glomerular disease (20 Marks)
6.
  - 6.1. Briefly describe:  
Regulation of Testosterone secretion (30 Marks)
  - 6.2. Functions of Oestrogen during pregnancy (35 Marks)
  - 6.3. Basis of increased risk of miscarriage during 8 – 12 weeks of pregnancy (35 Marks)