

UNIVERSITY OF JAFFNA, SRI LANKA  
FACULTY OF ALLIED HEALTH SCIENCES  
FIRST YEAR SECOND SEMESTER EXAMINATION IN BScHons (Nursing)-2020  
PHYSIOLOGY FOR NURSES II (NURPY 1243) - PAPER II

Date: 29.08.2022

Time: 2 hours

Answer all the six questions.

1. Briefly explain the physiological basis of the following.
  - 1.1. Increase appetite in patients with uncontrolled diabetes mellitus (40 Marks)
  - 1.2. Warm and moist hands in patients with hyperthyroidism (30 Marks)
  - 1.3. Thick fingers in adults with excess growth hormone secretion (30 Marks)
  
2.
  - 2.1. Describe the pathway for transmission of pain sensation from left index finger to primary sensory cortex. (40 Marks)
  - 2.2. Patients with myocardial infarction can feel pain in the medial aspect of upper arm (40 Marks)
  - 2.3. List 4 signs of cerebellar lesion. (20 Marks)
  
3. Briefly describe:
  - 3.1. Amplification of sound pressure (40 Marks)
  - 3.2. Colour vision (40 Marks)
  - 3.3. Myopia (20 Marks)
  
4.
  - 4.1. Explain the importance of mouth care for patients with reduced salivary secretion. (40 Marks)
  - 4.2. Describe the mechanism of gastric acid secretion. (35 Marks)
  - 4.3. Describe the factors that prevent peptic ulcer disease (25 Marks)
  
5.
  - 5.1. Describe glomerular filtration (50 Marks)
  - 5.2. Explain the basis of hypokalaemia in patients on Frusemide. (50 Marks)
  
6. Explain:
  - 6.1. Reduction in sperm count after prolonged exposure to high scrotal temperature. (30 Marks)
  - 6.2. Weight gain in mother during pregnancy. (30 Marks)
  - 6.3. Importance of breast feeding soon after child birth. (40 Marks)