

UNIVERSITY OF JAFFNA, SRI LANKA  
FACULTY OF ALLIED HEALTH SCIENCES  
Second Year First Semester Examination in BScHons (Nursing) - 2020

## NURSP 2153 SYSTEMIC PATHOLOGY – PAPER II

Date: 01.07.2022

Time: 2 hours

**ANSWER ALL SIX QUESTIONS**

1.
  - 1.1. List four (4) modifiable risk factors of Atherosclerosis (10 Marks)
  - 1.2. List five (5) high risk factors for deep vein thrombosis (15 Marks)
  - 1.3. Briefly describe the pathogenesis of acute myocardial infarction (50 Marks)
  - 1.4. List five (5) complications of Myocardial infarction (10 Marks)
  - 1.5. List five (5) causes of left side heart failure (15 Marks)
  
2.
  - 2.1. List five (5) causes of acute community acquired pneumonia (10 Marks)
  - 2.2. Describe the pathogenesis of bronchial asthma (60 Marks)
  - 2.3. List five (5) risk factors for developing pulmonary tuberculosis (10 Marks)
  - 2.4. List five (5) Paraneoplastic syndromes associated with Lung cancer (20 Marks)
  
3.
  - 3.1. List the features of nephrotic syndrome (15 Marks)
  - 3.2. Briefly describe the mechanisms of characteristic features of nephrotic syndrome (40 Marks)
  - 3.3. List five (5) causes of hydronephrosis (15 Marks)
  - 3.4. Briefly describe the pathogenesis of renal stone formation (30 Marks)
  
4.
  - 4.1. List four (4) causes of nonalcoholic fatty liver disease (10 Marks)
  - 4.2. Write the mode of transmission of Hepatitis B virus (20 Marks)
  - 4.3. Briefly describe the dietary factor influence in the development on colorectal carcinoma (40 Marks)
  - 4.4. List five (5) causes of acute pancreatitis (15 Marks)
  - 4.5. List five (5) risk factors of developing cholesterol stones in the gall bladder (15 Marks)

5.

- 5.1. Briefly describe the spread of breast carcinoma (40 Marks)
- 5.2. List five (5) symptoms produced by benign prostatic hyperplasia (15 Marks)
- 5.3. List four (4) deposit sites of endometriosis (10 Marks)
- 5.4. Write the pathological problems which arise following head injury (35 Marks)

6.

- 6.1. List five (5) complications of Diabetes mellitus (15 Marks)
- 6.2. List three (3) environmental factors influence development of thyroid malignancy (10 Marks)
- 6.3. Briefly explain the pathogenesis of osteoporosis (60 Marks)
- 6.4. Briefly describe the term "Pathological fracture" (15 Marks)