

**UNIVERSITY OF JAFFNA, SRI LANKA**  
**FACULTY OF ALLIED HEALTH SCIENCES**  
**SECOND YEAR FIRST SEMESTER EXAMINATION IN BScHons(MLS)2022**  
**MLSSP 2125 SYSTEMIC PATHOLOGY**

**PAPER II**

**Date: 21.12.2023**

**Time: 2 hours**

**ANSWER ALL SIX QUESTIONS.**

1.
  - 1.1. List 4 acute plaque changes. (20 Marks)
  - 1.2. Briefly describe the role of acute plaque changes in the pathogenesis of myocardial infarction. (40 Marks)
  - 1.3. List 3 causes of right sided heart failure. (15 Marks)
  - 1.4. List 5 causes of secondary hypertension. (25 Marks)
  
2.
  - 2.1. List 3 risk factors of squamous cell carcinoma of oral cavity. (15 Marks)
  - 2.2. List 5 causes of intestinal obstruction. (25 Marks)
  - 2.3. Briefly describe the pathogenesis of alcoholic liver disease. (40 Marks)
  - 2.4. List 4 causes of acute pancreatitis. (20 Marks)
  
3.
  - 3.1. List 4 metastatic sites of breast carcinoma. (20 Marks)
  - 3.2. List 5 sites of endometriosis. (25 Marks)
  - 3.3. Write short notes on
    - 3.3.1. Undescended testis (25 Marks)
    - 3.3.2. PSA (30 Marks)
  
4.
  - 4.1. List 5 risk factors for urinary tract infection. (25 Marks)
  - 4.2. List 5 causes of hydronephrosis. (25 Marks)
  - 4.3. List 5 secondary causes of osteoporosis. (25 Marks)
  - 4.4. List 5 risk factors of diabetes mellitus. (25 Marks)

- 5.
- 5.1. List 4 metastatic sites of follicular carcinoma of thyroid gland. (20 Marks)
  - 5.2. Briefly describe the pathogenesis of diabetic ketoacidosis. (50 Marks)
  - 5.3. List 4 routes of infection to central nervous system. (20 Marks)
  - 5.4. List 4 types of intracranial hemorrhages. (10 Marks)

- 6.
- 6.1. Name the stages of follicle development in Ovary. (25 marks)
  - 6.2. Give a brief account on how the Proximal Convoluted Tubules differ from that of Distal Convoluted Tubule in the histological perspective. (25 marks)
  - 6.3. Explain the changes in epithelium from the trachea to the alveoli in relation to their function. (50 marks)