



**UNIVERSITY OF JAFFNA, SRI LANKA**  
**FACULTY OF ALLIED HEALTH SCIENCES**  
**THIRD YEAR FIRST SEMESTER EXAMINATION IN BSc HONS (MLS)- 2021**  
**MLSPA 3124 PATHOLOGY II**  
**PAPER II**

**Date: 07.06.2023**

**Time: 2 hour**

**ANSWER ALL EIGHT QUESTIONS.**

1. 1.1 List 4 modifiable risk factors for atherosclerosis (20 Marks)  
1.2 List 4 causes of left side heart failure (20 Marks)  
1.3 List 6 complications of myocardial infarction (30 Marks)  
1.4 List 6 causes of secondary hypertension (30 Marks)
2. 2.1 List 5 characteristic features of bronchial asthma (25 Marks)  
2.2 List 5 causes of acute community acquired pneumonia (25 Marks)  
2.3 Briefly describe pathogenesis of bronchiectasis (10 Marks)  
2.4 List 5 paraneoplastic syndromes associated with lung cancer (40 Marks)
3. 3.1 List 5 causes of acute gastritis (25 Marks)  
3.2 What are the classical features of intestinal obstruction? (20 Marks)  
3.3 List 5 complications of diarrhea (25 Marks)  
3.4 List 2 risk factors of colonic carcinoma and briefly describe how do they cause colonic carcinoma? (30Marks)
4. 4.1 List 5 causes of viral hepatitis? (30 Marks)  
4.2 List 4 causes of non-alcoholic fatty liver disease (20 Marks)  
4.3 List 5 causes of acute pancreatitis (30 Marks)  
4.4 List 4 risk factors of cholesterol gall stones (20 Marks)
5. 5.1 List 5 risk factors of breast carcinoma (25 Marks)  
5.2 List 5 sites of endometriosis (25 Marks)  
5.3 List 4 risk factors of cervical carcinoma (20 Marks)  
5.4 List 5 features of lower urinary tract symptoms caused by benign prostatic hypertrophy (30 Marks)
6. 6.1 List 5 nephrotoxic substances which could injure renal tubules (25 Marks)  
6.2 List 5 causes of hydronephrosis (25 Marks)  
6.3 List features of nephrotic syndrome (25 Marks)  
6.4 Briefly describe the formation of renal stones (25 Marks)

7. 7.1 List 5 secondary causes of osteoporosis (25 Marks)  
7.2 Briefly describe the pathogenesis of osteoporosis (60 Marks)  
7.3 List 3 joints mainly affected by osteoarthritis (15 Marks)
8. 8.1 List 4 routes of infection to central nervous system (20 Marks)  
8.2 List 4 types of intracranial hemorrhages (20 Marks)  
8.3 Briefly describe the findings of CSF analysis in acute pyogenic meningitis (40 Marks)  
8.4 Briefly describe hypoxic effect of brain (20 Marks)