

UNIVERSITY OF JAFFNA
BACHELOR OF SCIENCE IN MEDICAL LABORATORY SCIENCES
THIRD YEAR FIRST SEMESTER EXAMINATION – OCTOBER 2019
MLSPA 3124 PATHOLOGY II

Date: 30.10.2019

Time: 2 Hour

PAPER II

ANSWER ALL EIGHT QUESTIONS

1.
 - 1.1. List four (4) modifiable major risk factors for developing atherosclerosis. (20 Marks)
 - 1.2. List four (4) causes of secondary lymphedema. (20 Marks)
 - 1.3. Describe pathogenesis of developing myocardial infarction. (60 Marks)

2.
 - 2.1. List five (5) paraneoplastic syndromes accompanying Lung cancers. (25 Marks)
 - 2.2. Describe pathogenesis of atopic bronchial asthma. (60 Marks)
 - 2.3. List three (3) risk factors of developing pulmonary tuberculosis. (15 Marks)

3.
 - 3.1. List five (5) risk factors of reflux oesophagitis. (25 Marks)
 - 3.2. List five (5) complications of diarrhea. (25 Marks)
 - 3.3. Describe pathogenesis of acute calculus cholecystitis. (50 Marks)

4.
 - 4.1. List five (5) complications of Diabetes mellitus. (25 Marks)
 - 4.2. Briefly describe the mechanism of Advanced Glycosylated End product formation and development of complications in Diabetes mellitus. (60 Marks)
 - 4.3. List three (3) factors which could lead to the development of thyroid carcinoma. (15 Marks)

5.
 - 5.1. List the characteristic features of Nephrotic syndrome. (25 Marks)
 - 5.2. Describe pathogenesis of Acute tubular injury. (60 Marks)
 - 5.3. List three (3) types of renal stones based on their composition (15 Marks)

- 6.
- 6.1. Comment of the spread of breast carcinoma. (40 Marks)
- 6.2. Write short notes on,
- 6.2.1. Undescended testis (30 Marks)
- 6.2.2. Ectopic pregnancy (30 Marks)
- 7.
- 7.1. Describe the CSF findings of acute pyogenic meningitis (20 Marks)
- 7.2. List the types of intra cranial hemorrhages (20 Marks)
- 7.3. Describe the pathogenesis of osteoporosis based on Peak Bone Mass (60 Marks)
- 8.
- 8.1. List four (4) factors contributing non-alcoholic fatty liver disease. (20 Marks)
- 8.2. List five (5) aetiological factors of acute pancreatitis. (25 Marks)
- 8.3. List three (3) complications of liver cirrhosis. (15 Marks)
- 8.4. Describe how the dietary factors contribute to development of colorectal carcinoma. (40 Marks)