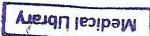


(15 Marks)



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

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	R Bone Mass (60 Marks)
8.	
8.1. List four (4) factors contributing non-alcoholic fatty live	er 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 developme	ent of colorectal
carcinoma.	(40 Marks)