

UNIVERSITY OF JAFFNA, SRI LANKA
BACHELOR OF SCIENCE IN MEDICAL LABORATORY SCIENCES
THIRD YEAR FIRST SEMESTER EXAMINATION – FEBRUARY 2017

MLSPA 3124 PATHOLOGY II
PAPER II

Date: 09.02.2017

Time: 2 hours

ANSWER ALL EIGHT QUESTIONS.

1.
 - 1.1. List five causes of viral hepatitis. (20 marks)
 - 1.2. List four causes of Non Alcoholic Fatty Liver disease. (20 marks)
 - 1.3. Describe the pathogenesis of Gallstones. (60 marks)

2.
 - 2.1. List three risk factors of varicose veins. (10 marks)
 - 2.2. List four causes of secondary lymphedema. (20 marks)
 - 2.3. Briefly describe pathogenesis of rheumatic heart disease. (30 marks)
 - 2.4. List eight complications of Myocardial infarction. (40 marks)

3.
 - 3.1. Describe pathogenesis of acute pyelonephritis. (60 marks)
 - 3.2. List cardinal features of nephritic syndrome. (20 marks)
 - 3.3. List five causes of hydronephrosis. (20 marks)

4.
 - 4.1. List five paraneoplastic syndrome associated with Lung cancer. (20 marks)
 - 4.2. Describe pathogenesis of bronchial asthma. (60 marks)
 - 4.3. List five causes of Direct acute lung injury. (20 marks)

5.
 - 5.1. Describe diagnosis criteria of Diabetes mellitus. (30 marks)
 - 5.2. List five risk factors of Type 2 Diabetes mellitus. (20 marks)
 - 5.3. Elaborate TSH and Free T4 findings in Hypothyroidism and Hyperthyroidism. (50 marks)

- 6.
- 6.1. List five features of familial breast carcinoma. (25 marks)
 - 6.2. Describe the spread of breast carcinoma. (35 marks)
 - 6.3. Describe the development of cervical carcinoma and association of Human Papilloma Virus. (30 marks)
 - 6.4. Write five Lower urinary tract symptoms caused by Benign Prostatic Hyperplasia. (10 marks)
- 7.
- 7.1. List four types of intracranial hemorrhages. (20 marks)
 - 7.2. List three herniations due to increased intracranial pressure. (30 marks)
 - 7.3. Describe Cerebrospinal fluid analysis in different etiological agents. (50 marks)
- 8.
- 8.1. List five causes of secondary osteoporosis. (05 marks)
 - 8.2. Diagrammatically explain the pathogenesis of osteoporosis. (60 marks)
 - 8.3. List seven steps in fracture healing. (35 marks)