



UNIVERSITY OF JAFFNA, SRI LANKA
BACHELOR OF SCIENCE IN MEDICAL LABORATORY SCIENCES
THIRD YEAR FIRST SEMESTER EXAMINATION – AUGUST 2017
MLSPA 3124 PATHOLOGY II
PAPER II

Date: 16.08.2017

Time: 2 hours

ANSWER ALL EIGHT QUESTIONS.

1. 1.1. List 5 causes of acute pancreatitis? (10 marks)
- 1.2. Diagrammatically explain the Alcoholic liver disease (50 marks)
- 1.3. List 3 causes of Hepatocellular carcinoma (10 marks)
- 1.4 . Comment on the spread of Hepatitis B virus? (30 marks)

2. 2.1. List 5 causes of hydronephrosis? (10 marks)
- 2.2. List 5 cardinal features of Nephrotic syndrome? (20 marks)
- 2.3. Describe pathogenesis of acute pyelonephritis? (70 marks)

3. 3.1. List 5 risk factors of Diabetes mellitus type 2? (10 marks)
- 3.2. Describe pathological basis of complications in the Diabetes mellitus? (60 marks)
- 3.3. “Anaplastic carcinoma of the thyroid gland is aggressive tumor.”
Give pathological explanation to this statement. (30 marks)

4. 4.1. List 5 causes of secondary hypertension (10 marks)
- 4.2. List 5 causes of left sided heart failure (10 marks)
- 4.3. List 8 complications of Myocardial infarction (20 marks)
- 4.4. Comment of the factors determine the outcome of myocardial infarction? (60 marks)

5. 5.1. List 5 clinical features of Paraneoplastic syndrome? (20 marks)
- 5.2. Describe the relationship between smoking and Lung cancer? (60 marks)
- 5.3. List 5 risk factors for developing pulmonary tuberculosis? (20 marks)

6. 6.1. Name 5 carcinomas which will metastasize to the bones? (20 marks)
- 6.2. List 5 joints affected by osteoarthritis? (20 marks)
- 6.3. List 5 causes of secondary osteoporosis? (10 marks)
- 6.4. Comment on prevention of osteoporosis. (50 marks)
7. 7.1. List 5 risk factors of Cervical carcinoma (10 marks)
- 7.2. Write short notes on
- 1. Ectopic pregnancy (30 marks)
 - 2. Undescended testis (30 marks)
- 7.3. Comment on spread of breast carcinoma (30 marks)
8. 8.1. List 5 complications of diarrhea? (10 marks)
- 8.2. List 5 aggravating factors for acute gastritis? (10 marks)
- 8.3. Briefly describe the findings of Cerebrospinal fluid analysis in viral meningitis? (40 marks)
- 8.4. Briefly describe the disease conditions those can cause colorectal carcinoma. (40 marks)