

**ALLIED HEALTH SCIENCES UNIT, UNIVERSITY OF JAFFNA, SRI LANKA**  
**BACHELOR OF SCIENCE IN NURSING**  
**SECOND YEAR FIRST SEMESTER EXAMINATION – AUG 2017**

**NURPA 2133– PATHOLOGY**

**Date: 18.08.2017**

**Time: 2 Hours**

**ANSWER ALL SIX QUESTIONS**

1.
  - 1.1. List 5 causes of secondary hypertension. (10 marks)
  - 1.2. List 4 modifiable major risk factors for atherosclerosis. (20 marks)
  - 1.3. Briefly explain the pathogenesis of myocardial infarction. (70 marks)
  
2.
  - 2.1. List hallmarks of bronchial asthma. (30 marks)
  - 2.2. List 4 causes of hospital acquired pneumonia. (10 marks)
  - 2.3. Write short notes on
    - 2.3.1. Tuberculin test (30 marks)
    - 2.3.2. Paraneoplastic syndrome (30 marks)
  
3.
  - 3.1. List 5 causes of acute renal tubular injury. (10 marks)
  - 3.2. Mention the routes of infection spread in acute pyelonephritis. (20 marks)
  - 3.3. Describe the renal stones formation. (60 marks)
  - 3.4. List 5 causes of haematuria. (10 marks)
  
4.
  - 4.1. List 5 well established risk factors for breast carcinoma. (20 marks)
  - 4.2. Comment on the spread of breast carcinoma. (30 marks)
  - 4.3. Mention 5 sites of endometriosis. (10 marks)
  - 4.4. List 3 lower urinary tract symptoms and briefly describe how does benign prostatic hyperplasia cause these symptoms. (40 marks)

- 5.
- 5.1. List 5 causes of secondary osteoporosis. (10 marks)
  - 5.2. List 5 joint affected by osteoarthritis. (20 marks)
  - 5.3. List 3 types of herniations due to increased intra cranial pressure. (20 marks)
  - 5.4. Briefly describe the findings of Cerebrospinal fluid analysis in acute pyogenic meningitis. (50 marks)

- 6.
- 6.1. List 3 risk factors for hepato cellular carcinoma. (10 marks)
  - 6.2. Mention the complications that may occur in Diabetes patients. (10 marks)
  - 6.3. Describe the pathogenesis of the above mentioned complications. (60 marks)
  - 6.4. List 5 complications of diarrheal diseases. (20 marks)