

**UNIVERSITY OF JAFFNA, SRI LANKA.**  
**BACHELOR OF SCIENCE IN NURSING**  
**SECOND YEAR FIRST SEMESTER EXAMINATION — AUG 2016**

**NURPA 2133 PATHOLOGY- PAPER II**

**Date: 12.08.2016**

**Time: 02 Hrs.**

**ANSWER ALL SIX QUESTIONS.**

- 1.1 List 4 modifiable risk factors for atherosclerosis? (10 marks)
- 1.2 List 3 risk factors for varicose veins? (10 marks)
- 1.3 Briefly describe the pathogenesis of myocardial infarction (80 marks)
  
2.
  - 2.1. List classical features of bronchial asthma? (20 marks)
  - 2.2. List the causes of hospital acquired pneumonia? (20 marks)
  - 2.3. List 5 features of paraneoplastic syndrome? (20 marks)
  - 2.4. Briefly describe the link between smoking and lung cancer? (40 marks)
  
3.
  - 3.1. List features of nephrotic syndrome? (10 marks)
  - 3.2. Briefly describe the pathogenesis of renal stone formation? (30 marks)
  - 3.3. Describe the pathogenesis of acute pyelonephritis? (60 marks)
  
4.
  - 4.1. List 5 complications of Diabetes mellitus? (20 marks)
  - 4.2. Briefly describe the pathologic basis of complications in diabetes mellitus? (60 marks)
  - 4.3. List 5 features of hypothyroidism (20 marks)

- 5.
- 5.1. List 4 causes of Non Alcoholic Fatty Liver Disease? (20 marks)
  - 5.2. List 5 causes of viral hepatitis? (20 marks)
  - 5.3. List 5 causes of acute pancreatitis? (20 marks)
  - 5.4. Briefly describe the relationship between diet and the development of colorectal carcinoma? (40 marks)
- 6.
- 6.1. List the 4 features of familial breast carcinoma? (20 marks)
  - 6.2. List 4 types of intracranial hemorrhages? (10 marks)
  - 6.3. List 5 causes of secondary osteoporosis? (20 marks)
  - 6.4. Write short notes on
    - 6.4.1. PSA (25 marks)
    - 6.4.2. Ectopic pregnancy (25 marks)