



University of Ruhuna - Faculty of Medicine

Allied Health Sciences Degree Programme

B.Sc. Nursing Degree Programme

2nd End Semester Examination

NPA 1235- Pathology

SEQ paper- Part A & B

December 2015

Duration: One (1) hour

Index Number

1.

1.1 List three (3) valvular heart diseases.

(15 marks)

1.2 Write down five (5) risk factors of ischaemic heart disease.

(15 marks)

1.3 What are the complications of myocardial infarction?

(30 marks)

1.4 List obstructive pulmonary diseases.

(20 marks)

1.5 What are the types of lung carcinomas?

(20 marks)

2.

2.1 What is acute inflammation?

(10 marks)

2.2 What are the cardinal features of acute inflammation?

(10 marks)

2.3 Describe the sequale of acute inflammation.

(20 marks)

2.4 What are the characteristic features of chronic inflammation? (15 marks)

2.5 List three (3) causes of cirrhosis. (15 marks)

2.6 What are the complications of cirrhosis? (15 marks)

2.7 List three (3) space occupying lesions of brain.

(15 marks)



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NPA 1235- Pathology

SEQ paper- Part C

December 2015

Duration: Half (1/2) hour

Index Number

1.

1.1 A 3 years old baby boy with acute lymphoid leukemia admitted to the cancer unit for chemotherapy. The full blood count report of the baby revealed severe thrombocytopenia and very high White Blood Cell count. Body temperature of the baby was 100 ° F. Hb level is 5g/dl.

1.1.1. List three (3) possible clinical observations of the patient. (15 marks)

1.1.2. Blood transfusion is needed as the level of hemoglobin is 5g/dl. What are the precautions that should be taken to prevent transfusion reactions? (10 marks)

1.1.3. Mention three (3) nursing precautions to minimize recurrent infections of this baby during hospital admission. (15 marks)

1.2

A 52 year old woman with a BMI of 30 kg/m^2 had a fasting plasma glucose (FPG) done. She had a family history of diabetes mellitus. Her fasting Plasma glucose was 6.5 mmol/L (117 mg/dl).

1.2.1. Interpret her fasting plasma glucose result. (10 marks)

1.2.2 What is the most appropriate biochemical test that should be done next for her? (10 marks)

1.2.3 What advice would you give the patient who is going for the test mentioned in 1.2.2? (20 marks)

1.2.4 Describe briefly how you would collect the samples for this test.

(20 marks)

