



ALLIED HEALTH SCIENCES DEGREE PROGRAMME
Third End-Semester Examination for B.Sc. Nursing Degree
Pathology Paper II

November 2010

Time: One hour

Index Number: -.....

B.Sc. Nursing
Allied Health Sciences Degree Programme
University of Ruhuna, Faculty of Medicine
Karapitiya, Galle,
Sri Lanka

Answer all questions in the space given.

1.1 Describe the patient preparation, sample collection and transport for the following
biochemical tests.

1.1.1 Random plasma glucose

.....
.....
.....
.....
.....
.....

1.1.2 Lipid profile

.....
.....
.....
.....
.....
.....

1.1.3 Urine pH

.....

.....

.....

.....

.....

.....

1.1.4 Serum electrolytes

.....

.....

.....

.....

.....

.....

1.1.5 Urine pH

.....

.....

.....

.....

.....

.....

1.1.6 Serum calcium

.....
.....
.....
.....
.....
.....

A 72 year old male presented with central chest pain lasting for more than an hour. He had a past history of ischemic heart disease. ECG showed ST depressions.

1.2.1 What is the most likely diagnosis?

.....

1.2.2 List two biochemical markers which can be used to arrive at the diagnosis mentioned in 1.2.1.

.....
.....

1.2.3 Describe how you would collect samples for one of the tests mentioned in 1.2.2.

.....
.....
.....
.....
.....

.....
.....
.....
.....

1.3 A patient's glomerular filtration rate(GFR) needed to be measured before giving an antibiotic.

1.3.1 What is the biochemical test/s that can be used to measure the GFR?

.....
.....

1.3.2 List four important instructions you would give the patient going for this test.

.....
.....
.....
.....

2.1 List five major causes of liver injury

.....
.....
.....
.....
.....
.....

2.2 Describe the macroscopic appearance of liver in cirrhosis.

.....
.....
.....
.....
.....

2.3 Describe the microscopic appearance of liver in cirrhosis.

.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....

2.4 Give five clinical features you would like to see in a patient with cirrhosis.

.....
.....
.....
.....
.....

.....

.....

.....

.....

.....

2.5 What are the complications of cirrhosis?

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....