

00018

THE OPEN UNIVERSITY OF SRI LANKA
FACULTY OF HEALTH SCIENCES
DEPARTMENT OF PHARMACY
ACADEMIC YEAR 2018/2019 – SEMESTER I



BACHELOR OF PHARMACY HONOURS
BPU2221 – PATHOPHYSIOLOGY – LEVEL 4
FINAL EXAMINATION
DURATION: THREE HOURS

DATE: 01st MARCH 2019

TIME: 9.30 A.M – 12.30 P.M

Index No:

Part B/ Short Answer Questions (SAQs) – 40 marks

Answer all questions.

1.

1.1 Define oesophagitis. (02 marks)

.....

.....

.....

1.2 List **four (04)** causes of chronic gastritis. (04 marks)

I.....

II.....

III.....

IV.....

1.3 Write **two (02)** complications of peptic ulcer disease. (04 marks)

I.....

II.....

2.

2.1 Define emphysema. (02 marks)

.....

.....

.....

2.2 List **two (02)** complications of emphysema. (04 marks)

I.....

II.....

Index No:

2.3 Write **two (02)** pathological changes that can happen in respiratory system due to chronic obstructive pulmonary disease (COPD). (04 marks)

I.....

II.....

3.

3.1. Define hydronephrosis. (04 marks)

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

3.2. List **three (03)** types of renal stones. (03 marks)

I.....

II.....

III.....

3.3. List **three (03)** causes of urinary tract obstructions. (03 marks)

I.....

II.....

III.....

4.

4.1. Define autoimmunity. (02 marks)

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

Index No:

4.2. List **four (04)** examples for type I hypersensitivity reactions. (04 marks)

I.....

II.....

III.....

IV.....

4.3. What is the key difference between hypersensitivity and autoimmunity? (04 marks)

.....

.....

.....

Index No:

Structured Essay Questions (SEQs) – 40 marks

Answer all questions.

1.
 - 1.1. Define metastasis. (05 marks)
 - 1.2. Briefly explain the process of metastasis. (10 marks)
 - 1.3. Write **five (05)** cancer related genes. (05 marks)

2.
 - 2.1 Define apoptosis. (04 marks)
 - 2.2 List **three (03)** physiological causes of apoptosis. (06 marks)
 - 2.3 Write a short note on necrosis. (10 marks)