



UNIVERSITY  
OF  
JOHANNESBURG

<b><u>FACULTY</u></b>	: HEALTH SCIENCES
<b><u>DEPARTMENT</u></b>	: SPORT AND MOVEMENT STUDIES
<b><u>CAMPUS</u></b>	: DFC
<b><u>MODULE</u></b>	: EXS01A3 EXERCISE SCIENCE
<b><u>SEMESTER</u></b>	: FIRST
<b><u>EXAM</u></b>	: May 2018

<b><u>DATE</u></b>	: 30 MAY 2018	<b><u>SESSION</u></b>	: 08:30-11:30
<b><u>ASSESSOR(S)</u></b>	: PROF LATEGAN		
<b><u>MODERATOR</u></b>	: DR GRADDIGE		
<b><u>DURATION</u></b>	: 3 HOURS	<b><u>MARKS</u></b>	: 120

---

NUMBER OF PAGES: 2 PAGES

INSTRUCTIONS:

1. Answer ALL THE QUESTIONS.
  2. Number your answers clearly
-

**QUESTION 1**

**[30]**

Briefly explain what is meant by the following terms (2 marks each; 1 mark per fact):

- 1.1 Prognosis
- 1.2 RAAS
- 1.3 Diapedesis
- 1.4 Desquamation
- 1.5 Interferons
- 1.6 T-helper cells
- 1.7 VAT
- 1.8 Chemokines
- 1.9 Two functions of the spleen
- 1.10 Fibrosis
- 1.11 Two causes of acute renal failure
- 1.12 Disease
- 1.13 MALT
- 1.14 Chronic
- 1.15 Fast pain

**QUESTION 2** (one mark per fact)

**[35]**

Discuss the causes and risk factors, pathophysiology and symptoms of Parkinson's Disease.

**QUESTION 3** (one mark per fact)

**[30]**

Discuss the causes, risk factors and pathophysiology of coronary artery disease.

**QUESTION 4** (one mark per fact)

**[25]**

Discuss the causes and risk factors, pathophysiology and symptoms of multiple sclerosis.

**TOTAL: 120**