



UNIVERSITY
OF
JOHANNESBURG

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

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

NUMBER OF PAGES: 2 PAGES

INSTRUCTIONS:

1. Answer ALL THE QUESTIONS.
 2. Number your answers clearly
 3. Answer section A and section B in separate books
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QUESTION 1

[30]

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

- 1.1 Pathogens
- 1.2 Diagnosis
- 1.3 Lymphatic System
- 1.4 Diapedesis
- 1.5 Interferons
- 1.6 B-lymphocytes
- 1.7 Prostaglandins
- 1.8 VAT
- 1.9 RAAS
- 1.10 Disease
- 1.11 Haemopoiesis
- 1.12 Slow pain
- 1.13 Two symptoms of Peripheral Artery Disease (PAD)
- 1.14 Two causes of acute renal failure
- 1.15 COPD

QUESTION 2 (one mark per fact)

[40]

Discuss the causes and risk factors, pathophysiology and symptoms of hypertension.

QUESTION 3 (one mark per fact)

[25]

Discuss the causes and risk factors, pathophysiology and symptoms of type 2 diabetes mellitus.

QUESTION 3 (one mark per fact)

[25]

Discuss the causes, pathophysiology, symptoms and complications of Rheumatoid Arthritis (RA).

TOTAL: 120