



<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>	: Supplementary Exam

<b><u>DATE</u></b>	: July 2019	<b><u>SESSION</u></b>	: 08:30- 12:30
<b><u>ASSESSOR(S)</u></b>	: PROF L LATEGAN		
<b><u>MODERATOR</u></b>	: DR GREEN		
<b><u>DURATION</u></b>	: 3 HOURS	<b><u>MARKS</u></b>	: 150

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NUMBER OF PAGES: 2 PAGES

INSTRUCTIONS:

1. Answer ALL THE QUESTIONS.
  2. Number your answers clearly
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**QUESTION 1**

**[40]**

Briefly explain what is meant by the following terms (one mark per fact):

- 1.1 Pathogens [2]
- 1.2 Prognosis [2]
- 1.3 Cytokines [3]
- 1.4 Diapedesis [3]
- 1.5 Interferons [3]
- 1.6 B-lymphocytes [3]
- 1.7 Prostaglandins [3]
- 1.8 Visceral adipose tissue [2]
- 1.9 Renin angiotensin aldosterone system [3]
- 1.10 Disease [2]
- 1.11 Hemopoiesis [3]
- 1.12 Slow pain [3]
- 1.13 Symptoms of Peripheral Artery Disease [3]
- 1.14 Three causes of acute renal failure [3]
- 1.15 Chronic obstructive pulmonary disease [2]

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

**[45]**

Discuss the causes and risk factors (20), pathophysiology (20) and symptoms (5) of coronary artery disease.

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

**[35]**

Discuss the causes and risk factors (6), pathophysiology (6) and symptoms (23) of Parkinson's Disease (PD).

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

**[30]**

Discuss the causes, pathophysiology, symptoms and complications of multiple sclerosis.

**TOTAL: 150**