



SUPPLEMENTARY EXAMINATION JULY 2016

PROGRAM : BA HONS (BIOKINETICS)

MODULE NAME : PATHOPHYSIOLOGY

MODULE CODE : HMS8X02

DATE : JULY 2016

DURATION : 3 HOURS

TOTAL MARKS : 100

EXAMINER : PROF L LATEGAN

INTERNAL MODERATOR : PROF BS SHAW

EXTERNAL MODERATOR : MRS E WATSON

NUMBER OF PAGES : THIS PAPER CONSISTS OF TWO (2) PAGES

INSTRUCTIONS TO CANDIDATES:

PLEASE ENSURE THAT YOU HAVE THE COMPLETE PAPER AND

PLEASE ANSWER ALL THE QUESTIONS.

QUESTION 1

[10]

Briefly explain what is meant by the following terms (2 marks each):

- 1.1 Pathology
- 1.2 Pathogens
- 1.3 Prognosis
- 1.4 Diagnosis
- 1.5 Mortality

QUESTION 2

[15]

Discuss the pathophysiology of hypertrophic cardiomyopathy.

QUESTION 3

[40]

Discuss the normal regulation of blood pressure, as well as the possible causes and risk factors for essential/primary hypertension.

QUESTION 4

[20]

Discuss the pathophysiology and different consequences of type 2 diabetes mellitus.

QUESTION 5

[15]

Discuss the pathophysiology of osteoarthritis.

TOTAL: 100