Examination Period 3: 2017/18

PSC200218N

Module Title Pathophysiology for Pre-Hospital Care
Level Five
Time Allowed Three hours

Instructions to students:

- Enter your student number not your name on all answer books.
- Answer all questions.
- Begin each question in a separate answer book; label each answer book clearly with the number of the question you are answering.
- Students are not permitted to remove this examination paper from the examination room. For all purposes the examination paper remains the property of the University of Northampton.

| No. of Pages | 2 |
| No. of Questions | 5 |
Answer all questions.

1. Explain the pathophysiological mechanisms of COPD and relate the mechanisms to the clinical presentation. (20 marks)

2. Explore the pathogenesis of atherosclerosis and relate it to the presentation of an acute myocardial infarction. (20 marks)

3. What are the classic signs and symptoms of an acute appendicitis and what is the underlying pathophysiology. (20 marks)

4. Explain the pathophysiology of bacterial meningitis. (20 marks)

5. Name one of the common uropathogenic bacterial agents of urinary tract infections and outline the pathology of the clinical syndrome of UTI. (20 marks)