SUMMER EXAMINATIONS 2015

SPO100815N

MODULE TITLE  Anatomy and Human Movement  
LEVEL  Four  
TIME ALLOWED  Two hours

Instructions to students:

- Enter your student number not your name on all answer booklets.
- Answer TWO of the four questions.
- All questions are equally weighted.
- Begin each answer in a separate booklet; label each booklet clearly with the number of the question you are answering.
- The same material should not constitute a substantial part of more than one question.
- Neither books nor notes may be taken into the examination.
- You may not 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 | 4 |
ANSWER TWO OF THE FOLLOWING QUESTIONS

1. Describe the main structures of a motor neuron and explain the transmission of an action potential along the neuron.

2. Describe the main structures in a sarcomere and explain the processes involved during the sliding filament theory following the release of calcium into the sarcoplasm.

3. Describe the characteristics of different muscular fibre types and explain how these characteristics influence force production.

4. Describe the main phases and movements during the bench press and explain how the muscle roles and contractions influences the movements performed.

END OF PAPER