Summer Examinations 2015

SLS200215N

MODULE TITLE  Biological Basis of Behaviour
LEVEL  Five
TIME ALLOWED  Two hours

Instructions to students:

- Please enter your student number **not** your name on all answer booklets.
- Answer **two** out of five 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.
- 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 | 5 |
ANSWER TWO OF THE FOLLOWING QUESTIONS:

1. Discuss neurobiological activity involved in mammalian wakefulness and transitions in to and out of REM and non-REM sleep.

2. Broadly define Hebb’s Postulate (or the modern equivalent) and use this to discuss synaptic plasticity, using examples of animal models to demonstrate the phenomena.

3. Describe how the CNS detects and processes light.

4. How does the brain control movement?

5. Discuss how the brain communicates chemically with the body.

END OF PAPER