

UNIVERSITY OF GREATER MANCHESTER

SCHOOL OF PSYCHOLOGY

PSYCHOLOGY PATHWAYS

SEMESTER TWO RE-SIT EXAMINATION 2025/2026

BIOPSYCHOLOGY

MODULE NO: PSC5005

Date: Thursday 30th October 2025

Time: 10:00am – 13:00pm

INSTRUCTIONS TO CANDIDATES:

Candidates are advised that the examiners attach importance to legibility of writing and clarity of expression. The answers should be evidence based and clearly evaluate the information.

YOU ARE STRONGLY ADVISED TO PLAN YOUR ANSWERS.

There are **THREE** sections on this paper.

Answer **THREE** questions. **ONE** question from each section

All questions carry equal marks.

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QUESTIONS

Section 1: Answer ONE question from the following three questions

Hormones

Using specific examples, evaluate the role played by neural components in the interaction between hormones and behaviour.

Pain

Consider and evaluate the neural processes associated with the Gate Control Theory in terms of their ability to account for the psychological dimension of pain.

Neurodevelopment

With reference to specific examples, assess the importance of environmental factors on the postnatal development of neural structures.

Section 2: Answer this question

In terms of the brain disease model of addiction consider the following:

- a. Summarise the neural correlates associated with the brain disease model of addiction and consider how they interact in terms of the addiction process.
- b. Evaluate the contribution that the inclusion of the allostatic process has made to our understanding of how stress is involved in the addiction process.

Section 3: Answer this question

Our understanding of how humans make judgements of trustworthiness from faces, has been derived from empirical studies using multiple techniques. With reference to at least three studies, evaluate how our understanding of the role the amygdala plays in these judgements has been developed over time.

END OF QUESTIONS

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PAST EXAMINATION