

## **Neurobiology with Animal Behaviour (Veterinary students only)**

- The examination will test knowledge and understanding of the material contained in the Neurobiology with Animal Behaviour course.
- The examination will be in three sections, Sections I, II, and III.
- Sections I and III are written papers, and Section II will be a practical paper.
- All three sections contribute to the Tripos mark in the proportions: Section I 25%; Section II, 25%; and Section III, 50%.
- Sections I and II contribute to the 2<sup>nd</sup> Vet MB in the same relative proportions: Section I, 50%; Section II, 50%.
- The individual Section I and Section II marks may be scaled prior to their combination into the total Tripos mark.

### **Section I:**

- Section I will consist of compulsory Single Best Answer (SBA) questions, and will last one hour.
- It will contain 60 SBA questions.
- For each SBA question the candidate should select the single best answer from four possible alternatives.
- Questions will cover all areas of the course.

### **Section II:**

- Section II will be a one-hour practical examination.
- Questions will examine core knowledge and understanding in any aspect of the course.
- It will be subdivided into Neuroanatomy and Neurophysiology subsections.
- Each of these two subsections carries equal credit.
- You are recommended to spend equal time on each subsection.

### **Neuroanatomy subsection:**

- 15 images (which may be multi-part), each accompanied by 3 SBA questions.
- For each SBA question the candidate should select the single best answer from four possible alternatives.

### **Neurophysiology subsection:**

- 20 SBA questions, some of which may involve calculations or the interpretation of data.
- For each SBA question the candidate should select the single best answer from four possible alternatives.
- Questions may cover any aspect of the material relating to the Neurophysiology practical classes.
- Questions may require interpretation of experimental results or the neural mechanisms which give rise to them, an understanding of the typical results which might be obtained in the experiments, or an explanation of experimental procedures or the experimental apparatus used to carry them out.
- Calculators may be required.

**Section III:**

- Section III of this examination will be a two-hour essay paper.
- Candidates will be required to write TWO essays (1 hour per essay).
- These can be chosen from 7 possible titles.
- Each question in Section III will carry equivalent marks.