

Royal College of Pathologists

Examination regulations - 2010

VETERINARY PATHOLOGY

There are currently two veterinary examinations. The first is veterinary anatomic pathology, which is concerned with morbid anatomy and histopathology. The second is veterinary clinical pathology, which covers the disciplines of clinical biochemistry, haematology and cytology.

The structure of the Veterinary Pathology examination has changed. These regulations apply to candidates who have not previously passed an FRCPATH examination.

These regulations must be read in conjunction with the *Regulations and Guidelines – College examinations for Membership and Diplomas*.

ENTRY & TRAINING REQUIREMENTS

There is no specific timing for entry to the examination. Candidates should obtain guidance from their training supervisor as to when to sit the examination. Some general guidance is given below, but apart from the sequence in which the examinations can be sat is not intended to be prescriptive.

The examination is intended for graduates in veterinary medicine who have undergone suitable postgraduate training in veterinary pathology. Training may be undertaken either in a full-time training (residency) post in the pathology department of a university veterinary school or in another institution able to provide a suitable training programme. Initially, training should be as broadly based as possible, but thereafter should focus on the pathology of a species group chosen by the candidate.

Training is normally conducted under the supervision of a Fellow of The Royal College of Pathologists, who should also act as the candidate's sponsor.

Part 1

Candidates will usually sit the Part 1 written examination after two years' training when the candidate is in a full-time training post. Where candidates combine training with other duties, a longer training period is likely to be required.

Part 2

The Part 2 examination will usually be taken at least one year after successfully completing the Part 1 Examination. Candidates will be required to provide a written recommendation from their supervisor/sponsor of fitness to sit the exam.

STRUCTURE AND FORMAT OF THE EXAMINATION

Part 1

The Part 1 examination comprises a written component only.

Written component

The written component consists of two 3-hour papers:

Paper 1 – General/mechanistic pathology

Paper 2 – species group pathology

Both papers will contain two sections – essay questions and short notes type questions

Paper 1 is taken by all candidates regardless of the species group selected by the candidate. Paper 2 focuses on the species group selected by the candidate.

The species groups are:

- a) small domestic animals: dog, cat
- b) large domestic animals: farmed ruminants and either horse or pig option
- c) laboratory animals: rabbit, rat, mouse, guinea pig, hamster, dog, non-human primate
- d) birds: poultry, game birds, cage birds, wild birds
- e) fish: wild and farmed.

Part 2

Practical and oral components

The Part 2 practical examination is a two day examination. It comprises the study and analysis of specimens appropriate to the species group chosen and the writing of critical informative commentaries and reports. The examination involves the conduct of a post-mortem examination, the study and analysis of appropriate fresh, fixed or photographic materials and histological specimens and typically will include the following:

Necropsy examinations: at least one per candidate related to the species group of the candidate's choice. This examination will last 3 hours with a mark allocation of 25% of the total available.

Histopathology Biopsy Diagnosis: normally a maximum of 20 spots, which may include images, visual aids, including electron micrographs; cytology, haematology and special stains, including immunohistochemical stains. This examination will last 3 hours with a mark allocation of 30% of the total available.

Gross Specimen Recognition: maximum of 10 fresh or fixed macroscopic specimens or images or a combination. This examination will last 1 hour with a mark allocation of 15% of the total available

Data Interpretation: may include case histories and clinical data; data from substance trials or studies (Lab. Animals candidates). This examination will last 2 hours with a mark allocation of 20% of the total available

Structured Oral examination: topics will include health and safety, laboratory management, Quality Assurance, Quality Control, animal use legislation and image capture and use. This examination will last 1 hour with a mark allocation of 10% of the total available

TIMING OF THE EXAMINATIONS

The Part 1 Written examination will be offered once a year in Autumn.

The Part 2 Practical examination will be offered once a year in Autumn.

ADDITIONAL INFORMATION

Candidates who have successfully passed the old format Part 1 written and practical examinations must complete the old format Part 2 examination when eligible. There are regulations for Veterinary Pathology - Old examination format available on the website at www.rcpath.org/exams

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The Royal College of Pathologists
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