Sample Questions
Anatomic Pathology
2021 Phase II Examination

These questions illustrate possible Phase II question styles for the 2021 Examination.
A few notes

• Helpful information is found on the ACVP website, including the Candidate Handout

• Also see the FAQs sent to candidates and supervisors on May 14, 2021

• 300 equally weighted multiple choice single-best answer questions
  • 3 to 5 choices
  • 0 to 4 images

• Administered in 3 sections of 100 questions each
  • 120 minutes for Knowledge
  • 150 minutes for Interpretation
  • 180 minutes for Microscopic

• Knowledge and skills tested in the Microscopic section will include:
  • Ability to seek and find the lesion
  • Pattern recognition
  • Use of appropriate terminology
  • Ability to justify diagnosis
Example of a question from the Knowledge section:

In the shells of freshwater aquatic turtles, epithelial inclusion cysts are highly suggestive of:

A. Traumatic injury  
B. Fungal infection  
C. Vitamin D deficiency  
D. Mycobacterial infection  

Answer: B

(not included in 2021 cutoff date)

Bilateral alopecia in an aged guinea pig sow is most likely associated with a:

A. Pregnancy toxemia  
B. Pituitary adenoma  
C. Cystic rete ovarii  
D. Insulinoma  

Answer: C

Barthold, Griffey, Percy. Pathology of Laboratory rodents and rabbits. 4th ed. p 245
Rat.
The most likely diagnosis is:

A. Mast cell tumor
B. Testicular teratoma
C. Mammary fibroadenoma
D. Preputial sebaceous adenocarcinoma

Answer: C
Lung from a camelid.
The etiologic agent is:

A) Cryptococcus neoformans
B) Blastomyces dermatitidis
C) Coccidioides immitis
D) Prototheca zopfii

Answer: B
Dog with hindlimb ataxia.
Where are spheroids likely to be located?

A. Region A
B. Region B
C. Region C
D. Region D

Answer: B (liquefactive necrosis, myelomalacia)
Digit from a rabbit.
The diagnostic feature is in which region?

A. Region A  
B. Region B  
C. Region C  
D. Region D

Answer: A (granulomatous osteomyelitis, mycobacteriosis)
Example of a question from the Microscopic section: Seek and Find and Justification

Tumor from a mouse.
The diagnostic feature is in which image?

Answer: C (osteosarcoma)
Example of a question from the Microscopic section: Pattern recognition, Terminology and Justification

Intracranial mass from a cat.

The key diagnostic feature is/are:

A. Pseudorosettes
B. Antibasilar nuclei
C. Serpiginous necrosis
D. Microvascular proliferation

Answer: **A** (ependymoma)
Spinal cord from a Humbolt penguin (*Spheniscus humboldti*)
The structures denoted by arrows are called:

a. Myelin figures  
b. Zebra bodies  
c. Mitochondria  
d. Viral particles

Answer: B (lysosomal storage disease)
Sample question – Anatomic Pathology 2021 Phase II Examination

This question demonstrates resolution and zoom capabilities (which may vary by monitor size and resolution).

1. Tumor from a mouse. The diagnostic feature is in which image?
Answer: **C** (osteosarcoma)