**AMERICAN COLLEGE OF POULTRY VETERINARIANS**

INFORMATION FOR CANDIDATES

2020

The American College of Poultry Veterinarians

Certification Examination

The American College of Poultry Veterinarians Certification Examination is given at the AVMA/AAAP annual conference and consists of three parts:

1. Multiple Choice 200 questions

2. Projected Images 100 questions

3. Practical Exam 10 questions

Content of the examination includes the following subject areas with an emphasis on diagnosis and production:

* Anatomy and Physiology 4%
* Biosecurity 12%
* Diagnosis 34%
* Food Safety 5%
* Production 20%
* Professional Skills including oral, written and interpersonal communications 11%
* U.S. Regulations regarding poultry 9%
* Research Skills 5%

Candidates must pass each of the three parts in order to successfully pass the exam.

All candidates will be required to sit for all three parts in their entirety. The following is ACPV policy:

*An applicant will have three years, representing three consecutive examination periods, to successfully complete all phases of the examinations. A fee as determined by the Board shall be charged for each and every examination. \* Any applicant who has not successfully completed all phases of the examination within three years after application will be permitted to reapply. Such applicants will be required to submit a new application and examination fee. The applicant will be required to complete the entire sequence, comprising all three parts (phases) of the examination.*

Currently, there are no provisions for subspecialty examination.

\* 2020 fees are as follows:

The$100.00 application fee (in U.S. Dollars only drawn on a U.S. bank) has already been paid to apply for this exam.

First time candidates: $560.00 examination fee due April 1, 2020

Returning candidates: $185.00 for one section of the exam; $310.00 for two sections; and $435.00 for three sections. All fees are due April 1, 2020.

**You are responsible for notifying the ACPV Office in the event your address, email and/or telephone number change. Email support@acpv.info telephone 904-425-5735 or write: ACPV, 12627 San Jose Blvd., Suite 202 Jacksonville, FL 32223-8638.**

**Preparation for the examination**

The examination will allow veterinarians who have successfully completed training programs in poultry medicine or other graduate programs, or who have extensive practical experience, to successfully pass the exam. Suggested study materials include but are not limited to:

1. Pertinent scientific journals

 *Avian Diseases, Avian Pathology, and Poultry Science.*

2. Books

* Swayne, D. (2020). *Diseases of Poultry 14th Edition.* Ames, Iowa: Wiley-Blackwell
* Williams, S. (2016). *A Laboratory Manual for the Isolation, Identification, and Characterization of Avian Pathogens 6th Edition.* Jacksonville, FL: American Association of Avian Pathologists
* Abdul-Aziz, T. (2016). *Avian Histopathology, 4th Edition.* Jacksonville, FL: American Association of Avian Pathologists
* Owen, R. (2017). *A Practical Guide for Managing Risk in Poultry Production 2nd Edition.* Jacksonville, FL: American Association of Avian Pathologists

3. Slides and CDs

* https://cvm.ncsu.edu/outreach/continuing-education/online/avian-pathology/ Virtual slides and gross pathology plus other avian pathology online course material.
* <https://www.aaap.info/slide-study-sets> Slide/CD study sets published by the AAAP.

4. Miscellaneous materials and links for information on regulations, best management practices, and welfare guidelines.

* AAAP Animal Welfare Committee Poultry Paw Welfare Sub-Committee Final Report, Sept. 2, 2008
* Links for the NPIP, NCC, NTF, AEB and FDA:

 <https://agr.wa.gov/departments/animals-livestock-and-pets/avian-health/avian->npip

 www.nationalchickencouncil.org/

 www.eatturkey.com/

 ww.aeb.org/

 http://www.fda.gov/AnimalVeterinary/

**SAMPLE QUESTIONS**

Below are seven (7) objective multiple-choice questions (the correct answers appear at the end) and three (3) written questions similar in format to those that will appear on the ACPV Certification Examination.

***Multiple Choice***

1. Which of the following lesions are most consistent with a probable diagnosis of Marek’s disease in replacement pullets?

a. enlarged livers and lymphoid infiltration in nerves

b. enlarged livers and bursa of Fabricius

c. enlarged livers and spleens and petechial hemorrhages

d. cataracts and petechial hemorrhages

2. Bumblefoot, as often seen in backyard flocks, is caused by:

 a. *Mycoplasma synoviae* infection.

 b. injury and staphylococcal infection.

 c. injury and *E. coli* infection.

 d. *Knemidocoptes mutans* infestation.

3. The most effective feed additive to prevent necrotic enteritis in conventional chickens grown on the floor is:

 a. an anticoccidial.

 b. an antibiotic.

 c. a probiotic.

 d. an antioxidant.

4. Which of the following conditions can be associated with rancid fat in the diet?

 a. feather deformities

 b. curled toe paralysis

 c. perosis

 d. encephalomalacia

5. Ulcerative and proliferative lesions of the esophagus and crop of pigeons is commonly caused by which of the following agents:

a. Hexamita

b. Trichomonas

c. Capillaria

d. Cochlosoma

6. Avian influenza infections:

 a. are typically a lethal, fowl plague-like syndrome.

 b. can range from asymptomatic infection to 100% mortality.

 c. can usually be diagnosed by observing the flock.

 d. are a clinical syndrome easily distinguished from other diseases.

7. In the modern broiler chick, yolk sac absorption should be complete

by which of the following days of age?

 a. 1

 b. 3

 c. 6

 d. 10

**ANSWERS**

1. a

2. b

3. a

4. d

5. b

6. b

7. c

***Practical (10 points each)***

1. In mid-August a concerned client walks into your clinic with a 3 year-old male duck and its dead mate. He tells you that he found the dead mate by the edge of the pond just this morning. The other six (6) ducks are apparently healthy. He thinks his neighbor’s dog may have hurt this duck and killed its mate. The ducks are fed a commercial ration and have free access to the pond water.

Clinical signs: The live duck cannot fly, walk, stand or open its eyes. It has trouble controlling its head movements. When left undisturbed, it will lower its head to the floor.

Physical findings: There are no indications of broken bones or physical trauma on either duck. The feathers of the live duck seem to come out easily.

Necropsy: No gross lesions were found in the dead birds, but a few maggots were found in the crop.

A. What condition should be first on your list of rule-outs? (2 points)

B. List 2 other conditions that should be considered. (2 points)

C. What diagnostic test would be helpful in making a positive diagnosis? (2 points)

D. Since this is a pet duck, the owner is very interested in treatment. How would you treat this duck? (2 points)

E. The owner wants to know what caused this condition and how he can prevent its development in his other ducks. What would you tell him? (2 points)

2. You are asked to design a layer breeder vaccination program. Complete the chart. (Use only the table and space provided)

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| --- | --- | --- | --- |
| Disease (3 pts) | Vaccine (3 pts) | Age of Administration (2 pts) | Route (2pts) |
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**Communication and Interpersonal Skills**

Some questions on the exam test the candidate’s communication and interpersonal skills. The candidate may be required to describe not only what will be communicated, but to whom and how it will be communicated. Some questions may require the candidate to describe interactions with others in the course of solving a problem/issue. Answers to demonstrate interpersonal skills may include descriptions of body language, visual cues and tone of voice during the interaction. In some cases, a candidate may want to describe how an interaction would begin and end.

**Writing Skills**

A candidate’s writing skills will be evaluated according to the following guidelines:

* Writing always progresses in a logical and effective order.
* Paragraphs, sentences, and/or bullet points always transition smoothly from idea to the next.
* Word choice and sentence or bullet point structure consistently contribute to the coherence and clarity of the response – bullet points may be used as the only or major means of communication.
* The written answer contains no more than 2 grammatical or spelling errors that distract the reader from the intended response.

3. Your mom calls you after hearing a news report about a chicken farm that was infected with highly pathogenic avian influenza (HPAI) and had to be depopulated. She is upset that the whole farm needed to be depopulated and that the chickens couldn't be vaccinated or cured. To demonstrate your communication, writing, and interpersonal skills, describe in concise detail how you would address your mom's feelings about HPAI, depopulation, flock health and reasons why vaccination is not an option for the USA. Include facts to support your points.

(8 points for communication and interpersonal skills and 2 points for writing skills. Note 0 points here for data management)