PROFESSIONAL REGULATORY BOARD OF VETERINARY MEDICINE

Resolution No. ___04___
Series of 2010

PROMULGATION OF REVISED SUBJECTS WITH THEIR RELATIVE WEIGHTS AND TABLES OF SPECIFICATIONS THEREFOR IN THE BOARD LICENSURE EXAMINATION FOR VETERINARIANS (BLEV)

WHEREAS, Sec. 8 (c), Art. III of R.A. No. 9268, known as the "Philippine Veterinary Medicine Act of 2004", empowers the Professional Regulatory Board of Veterinary Medicine, hereinafter called the Board, to "(c), Prepare, adopt, issue or amend the syllabi for the subjects in the licensure, in consultation with Commissioner on Higher Education (CHED), the academe and the accredited professional organization";

WHEREAS, Sec. 14, Art. III of the said law provides: "Sec. 14. *Subjects Covered by the Examination.* The subjects for the licensure examination shall cover the following:

1. Veterinary Parasitology
2. Veterinary Pharmacology
3. Veterinary Medicine (including ethics , Surgery, Animal Welfare and Jurisprudence)
4. Zootechnics (including animal Behavior and Environmental Health)
5. Veterinary Microbiology & Veterinary Public Health
6. Veterinary Physiology
7. Veterinary Anatomy; and
8. Veterinary Pathology

The Board may amend, modify, or exclude any of the subjects in the syllabi and add new ones as technological need arises subject to approval of the Commission";

WHEREAS, the Board issued a Memorandum dated October 9, 2008 for the Commission on Higher Education (CHED), the Philippine Veterinary Medical Association, Inc. (PVMA), all the Deans of Schools, Colleges, and Universities offering the course of Veterinary Medicine, enjoining them to participate in revising the relative weights of the subjects in the Board licensure examination for veterinarians;

WHEREAS, the Board, pursuant to the foregoing legal provisions and Board Memorandum, revised the aforesaid subjects and provided their corresponding hereunder weights:

Subject	Relative Weight
1. Veterinary Medicine & Surgery (Clinics/Thesis/Conference)	18%
2. Veterinary Microbiology & Public Health	16%
3. Zootechnics	14%
4. Veterinary Pathology	12%
5. Veterinary Anatomy	10%
6. Veterinary Physiology	10%
7. Veterinary Parasitology	10%
8. Veterinary Pharmacology	10%
TOTAL	100%

WHEREAS, the PRC has evolved a policy of enhancing the Examination System towards competency-based comparability standards;

WHEREAS, Sec. 9 (h) of R.A. No. 8981, known as the "PRC Modernization Act of 2000", empowers the Board: "(h) To prepare, adopt, and issue the *syllabi* or *tables of specifications* of the subjects for examinations in consultation with the academe; determine and prepare the questions for the licensure examinations which shall be strictly within the scope of syllabus or table of specifications of the subject for the examination XXXX"; (*italics supplied*)

WHEREAS, the First Biennial National Congress on Education held on February 28 and March 1, 2008 called for the strategy "to update licensure examinations to reflect technical and scientific requirements of business and industry";

WHEREAS, these requirements can be embodied in the syllabi and tables of specifications (TOS) for the licensure examination subjects;

WHEREAS, the adoption of the revised syllabi and tables of specifications will appropriately incorporate thereinto the competencies covering the topics and sub-topics, or areas and sub-areas, or concepts and sub-concepts under the Board Licensure Examination subjects, holding that the TOS will provide not only the percentage weights and number of items but also the levels of difficulty classified into and respectively described as Easy: K (Knowledge), Moderate: U (Understanding), C (Comprehension), Difficult: A (Analysis), B (Synthesis), E (Evaluation);

WHEREAS, the list of competencies includes in a generic manner those needed by the industry;

WHEREAS, the revised syllabi and TOS were refined by the Board with the assistance of PRC consultants for Test Construction and Development and were noted by the PAVMES and CHED Technical Panel for Veterinary Education, representatives from business and industry, the PVMA, and CHED;

WHEREAS, thereafter, the Board decided to promulgate the relative weights and implement the TOS through issuance of a Board Resolution; and

WHEREAS, the revised syllabi and TOS will bring forth quality Board Licensure Examinations (BLEV) for Veterinarians with more effective and valid test questions framed therefrom;

NOW, THEREFORE, the Board **RESOLVES**, as it is hereby **RESOLVED**, to adopt and promulgate the Revised Subjects with their "Relative Weights" and "Table of Specifications" therefor in the Board Licensure Examination for Veterinarians (BLEV), ANNEX "A" to the herein Board Resolution.

RESOLVED, FURTHERMORE, this Resolution with Annex "A" hereof shall apply in the August 2011 BLEV and subsequent schedules thereof.

RESOLVED, FINALLY, this Resolution shall take effect after fifteen (15) days following the full and complete publication thereof in the Official Gazette or any newspaper of general circulation in the Philippines.
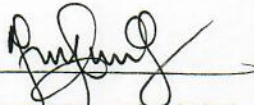
Let copy hereof be furnished to the CHED for dissemination to all schools, colleges, or universities offering the course of veterinary medicine, and the Rating Division, Records Division, and the Board.
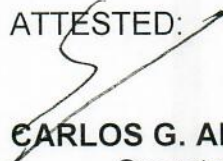
Done in the City of Manila, this ___14th___ day of __October__ , Year 2010.

TOMAS M. ACORDA
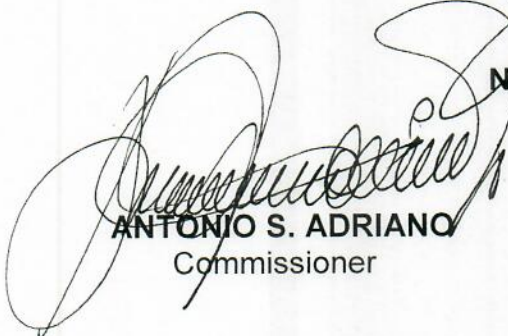Chairman

LINA S. POLICARPIO
Member

MA. ELIZABETH D. CALLANTA
Member

ATTESTED:

CARLOS G. ALMELOR
Secretary
Professional Regulatory Boards

APPROVED:

NICOLAS P. LAPENA, JR.
Chairman

ANTONIO S. ADRIANO
Commissioner

ALFREDO Y. PO
Commissioner

O-CH/COM1/COM2/PRB-VET/D-SRB
NPL/ASA/AYP/TMA/CGA/CLE/mel
(Res on table of specs w/ relative weights 10/05/10)

PROFESSIONAL REGULATION COMMISSION
BOARD OF VETERINARY MEDICINE

BOARD SUBJECT: VETERINARY MEDICINE AND SURGERY

COMPETENCY	Weight in %
I. PREVENTION OF DISEASES	15
1. Identify measures to prevent diseases	
2. Justify methods and procedures	
3. Design preventive measures	
II. DIAGNOSIS OF DISEASES	20
1. Apply basic concept	
2. Differentiate facts and inferences	
3. Design diagnostic plan	
4. Evaluate laboratory/diagnostic tests	
III. TREATMENT OF DISEASES	15
1. Demonstrate treatment procedures	
2. Prepare treatment plan	
3. Predict outcome of treatment	
IV. OBSTETRICS & GYNECOLOGY	15
1. Explain medical management of genital diseases	
2. Illustrate basic concept of artificial breeding	
3. Evaluate relevance of data in the treatment/diagnostic plan	
V. ETHICS AND JURISPRUDENCE	5
1. Apply principles of ethics	
2. Explain basic medico-legal investigation	
3. Know veterinary practice act	
VI. ANIMAL WELFARE	5
1. Explain basic concepts of animal welfare	
2. Explain scientific basis of animal welfare	
3. Demonstrate understanding of animal welfare act	
VII. SURGERY	25
1. Interpret principles of surgery	
2. Explain principles of anesthesia	
3. Explain principles of wound healing	
4. Demonstrate correct surgical technique	
5. Apply surgical procedure	
Total	**100%**

PROFESSIONAL REGULATION COMMISSION
BOARD OF VETERINARY MEDICINE

TABLE OF SPECIFICATIONS
BOARD SUBJECT: VETERINARY MICROBIOLOGY AND VETERINARY PUBLIC HEALTH

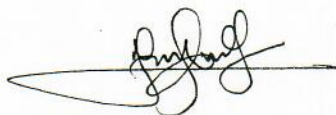| COMPETENCY	Weight in %
I. BACTERIOLOGY & MYCOLOGY	25
1. Identify the general characteristics of bacteria	
2. Describe the general characteristics of pathogenic bacteria	
3. Describe the general characteristics of fungi	
4. Design diagnostic plan using bacteriological techniques	
5. Create diagnostic/preventive/control measures of bacterial zoonotic disease	
II. VIROLOGY & UNCLASSIFIED INFECTIOUS AGENTS	25
1. Identify general characteristic of viruses	
2. Explain pathogenesis of viral, chlamydial, rickettsial & other diseases caused by unclassified infectious agents	
3. Design Diagnostic/control plans of viral and diseases caused by unclassified infectious agents	
4. Create diagnostic/preventive/control measures against viral/ UIA zoonotic diseases	
5. Differentiate new/emerging & re-emerging viral zoonosis	
III. IMMUNOLOGY	15
1. Apply basic knowledge of immunology	
2. Explain immune responses	
3. Apply principles of vaccination	
IV. FOOD HYGIENE	20
1. Know elements of Meat/milk hygiene	
2. Describe ante/post mortem examination	
3. Demonstrate HACCP & risk analysis techniques	
4. Know food-borne diseases diagnosis/control	
V. EPIDEMIOLOGY	15
1. Know basic concept of epidemiology	
2. Know strategies in the study of diseases	
3. Know procedures of outbreak investigation	
Total	100%

PROFESSIONAL REGULATION COMMISSION
BOARD OF VETERINARY MEDICINE

TABLE OF SPECIFICATIONS
BOARD SUBJECT: ZOOTECHNICS (including animal behavior and environmental health)

COMPETENCY	Weight in %
I. PRINCIPLES OF ANIMAL BREEDING, SELECTION AND IMPROVEMENT	10
1. Know the different types and breeds of farm animals 2. Understand breeding, reproduction and improvement principles of farm animals Understand the Principles of Variations in Economic Traits in Farm Animals 3. Identify the Principles of Selection of Superior Breeding Stocks	
II. PRINCIPLES OF ANIMAL NUTRITION, ANIMAL PRODUCTION AND HEALTH PROGRAMS	15
1. Understand physiology of digestion to improve feed efficiency conversion 2. Know the Composition, Function to Analysis of Feed Nutrients and Feedstuff 3. Prepare feed formulations and apply feeding standards 4. Design health programs, good housing and facilities	
III. RUMINANT	20
1. Know the different breeds 2. Understand breeding principles 3. Apply knowledge of selection principles 4. Understand physiology of reproduction, trends and development Understand nutrition, care and herd management	
IV. SWINE PRODUCTION AND MANAGEMENT	15
1. Know the different breeds 2. Understand breeding principles 3. Apply knowledge of selection principles 4. Understand physiology of reproduction, trends and development Understand nutrition, care and herd management	
V. POULTRY PRODUCTION AND MANAGEMENT	15
1. Know the different breeds 2. Know the principles of stock selection 3. Understand the reproductive physiology of chicken 4. Describe the proper nutrition, care and management at different stages 5. Formulate health programs	

VI. EQUINE PRODUCTION AND MANAGEMENT	10
1. Know the different breeds	
2. Understand principles of selection	
3. Describe the proper nutrition, care, and management	
4. Describe the various behaviors	
5. Understand training principles	
6. Prepare health programs	
VII. ZOO AND EXOTIC ANIMALS MANAGEMENT (including aquatic/game/alternative animal production)	10
1. Understand nutrition	
2. Apply proper care and management principles	
3. Design health programs	
VIII. RESTRAINT OF ANIMAL (including animal behavior and environmental health)	5
1. Apply proper restraint of animals	
2. Understand animal behavior that would impact on environmental health	
Total	**100%**

PROFESSIONAL REGULATION COMMISSION
BOARD OF VETERINARY MEDICINE

TABLE OF SPECIFICATIONS
BOARD SUBJECT: VETERINARY PATHOLOGY

COMPETENCY	Weight in %
I. GENERAL PATHOLOGY	30
1. Define common pathological terms	
2. Differentiate between normal and pathological cells	
3. Distingusih degenerative changes	
4. Recognize disturbances in circulation	
5. Explain the concepts involved in inflammation and repair	
6. Recognize growth disturbances	
7. Categorize different neoplastic conditions	
8. Explain infectious disease processes and pathogenesis of diseases	
II. SYSTEMIC PATHOLOGY	30
1. Recognize basic pathological changes and correlate with clinical disease	
2. Demonstrate knowledge of basic necropsy techniques	
3. Interpret pathological changes of organs observed in clinical disease	
III. CLINICAL PATHOLOGY	30
1. Collect, prepare, preserve and transport of specimen from bacterial, viral and parasitic diseases	
2. Describe laboratory methods and procedures to aid in the diagnosis of disease	
3. Apply appropriate laboratory tests procedures in the diagnosis of disease	
IV. SPECIAL PATHOLOGY	10
1. Explain & demonstrate knowledge of avian pathology	
Total	100

PROFESSIONAL REGULATION COMMISSION
BOARD OF VETERINARY MEDICINE

TABLE OF SPECIFICATIONS
BOARD SUBJECT: VETERINARY PARASITOLOGY

COMPETENCY	Weight in %
I. ARTHROPODS	20
1. Identify Important Arthropods of Domestic Animals 2. Understand their basic morphology and characteristics that make them capable of causing diseases in domestic animals 3. Explain their pathogenecity and transmission 4. Know the diseases they cause 5. Apply methods of control	
II. PROTOZOA	30
1. Identify Important Protozoan Parasites of Domestic Animals 2. Know their Structure, Morphology, Nutrition and Reproduction (Biology) 3. Understand their pathogenecity and mode of transmission 4. Know the diseases they cause 5. Design methods of control	
III. HELMINTHS	40
1. Identify Important Helminths of Domestic Animals 2. Understand their basic morphology and characteristics that make them capable of causing diseases in domestic animals 3. Explain their pathogenecity and transmission 4. Know the diseases they cause 5. Apply methods of control	
IV. PARASITES OF WILD AND EXOTIC ANIMALS	5
1. Understand wildlife and feral animals parasites 2. Explain their pathogenecity and transmission 3. Know the diseases they cause 4. Apply methods of control	
V. PARASITES OF FISHES AND AQUATIC ANIMALS	5
1. Understand aquatic mammalian parasites 2. Explain their pathogenecity and transmission 3. Know the diseases they cause 4. Apply methods of control	
Total	100%

PROFESSIONAL REGULATION COMMISSION
BOARD OF VETERINARY MEDICINE

TABLE OF SPECIFICATIONS
BOARD SUBJECT: VETERINARY PHARMACOLOGY

COMPETENCY	Weight in %
I. BASIC VETERINARY PHARMACOLOGY	40
1. Distinguish classifications,uses and physiological effects effects of different drugs 2. Explain mechanism of action of different drugs	
II. CLINICAL PHARMACOLOGY	45

1. Apply facts & principles in drug usage & medication
  2. Demonstrate knowledge on correct dosage & computation
  3. Apply concepts for the treatment & control of various infectious diseases
  4. Apply principles of drug withdrawal periods
  5. Describe side effects	

III. TOXICOLOGY	15

1. Identify symptoms of toxicity
  2. Explain mechanism of action of drug toxicity
  3. Assess and recommend possible treatment options in cases of toxicities	

Total	100