The Basic and Clinical Sciences Examination (BCSE), the third of four assessment steps leading to certification of veterinary educational equivalence through the ECFVG program, is designed to assess basic and clinical veterinary sciences knowledge. The knowledge level expected to receive a passing score on the BCSE is that of an entry-level US veterinarian (ie, new graduate of an AVMA-accredited veterinary school). Reference lists for curricula at accredited veterinary schools are extensive. The following list represents a relevant subset that appropriately covers the content of the BCSE.

- 1. AVMA, 2013. Guidelines for the Euthanasia of Animals, 2013 Edition American Veterinary Medical Association. Available at: <a href="https://
- 2. Baker, DG. Flynn's Parasites of Laboratory Animals, 2<sup>nd</sup> ed. (2007), Ames, IA: Blackwell.
- 3. Ballweber, LR. Veterinary Parasitology, (2001), Boston: Butterworth-Heinemann.
- 4. Baxter, GM. Adams & Stashak's Lameness in Horses, 6th ed. (2011), Ames, IA: Wiley.
- 5. Benson, GJ. <u>The Well-Being of Farm Animals: Challenges and Solutions</u>, (2004), Ames, IA: Blackwell Publishing.
- 6. Bertone, JJ. Equine Clinical Pharmacology, (2004), Philadelphia: Saunders (Elsevier).
- 7. Birchard, SJ. Saunders Manual of Small Animal Practice, 3<sup>rd</sup> ed. (2006), St Louis: Elsevier.
- 8. Bonagura, JD. Kirk's Current Veterinary Therapy, XV. 15<sup>th</sup> ed. (2014). St. Louis: Elsevier.
- 9. Boothe, DM. Small Animal Clinical Pharmacology & Therapeutics, 2<sup>nd</sup> ed. (2012), St Louis: Elsevier.
- 10. Brown, M. Lavin's Radiography for Veterinary Technicians. 6<sup>th</sup> ed. (2017). St. Louis: Elsevier.
- 11. Butler, JA. Clinical Radiology of the Horse, 4td ed. (2017), Ames, IA: Wiley-Blackwell.
- 12. Castro, AE. Veterinary Diagnostic Virology: A Practitioner's Guide, (1992), St. Louis: Mosby.
- 13. Committee on Foreign Animal Diseases of the United States Animal Health Association. Foreign Animal
  - Diseases "The Gray Book," 6th ed. (1998). United States Animal Health Association.
- 14. De Lahunta, A. Applied Veterinary Anatomy, (1986), Philadelphia: Saunders.
- 15. Dennis, R. <u>Handbook of Small Animal Radiology and Ultrasound: Techniques and Differential</u> Diagnosis, 2<sup>nd</sup> ed. (2010), St Louis: Elsevier
- 16. Ettinger, SJ. <u>Textbook of Veterinary Internal Medicine</u>, 8<sup>th</sup> ed. (2017). St. Louis: Elsevier.
- 17. Eurell, JA. <u>Dellmann's Textbook of Veterinary Histology</u>, 6<sup>th</sup> ed. (2006), Ames, IA: Wiley.
- 18. Fails, AD. Anatomy and Physiology of Farm Animals. (8th ed.) (2018). Ames, IA: Wiley-Blackwell.
- 19. Farrow, CS. Veterinary Diagnostic Imaging The Dog and Cat, (2003), St. Louis: Mosby.
- 20. Fossum, TW. Small Animal Surgery, 5th ed. (2017), St Louis: Elsevier.
- 21. Fubini, SL. Farm Animal Surgery, 2<sup>nd</sup> ed. (2016), St Louis: Saunders (Elsevier).
- 22. Greene, CE Infectious Diseases of the Dog and Cat, 4th ed. (2012), St Louis: Elsevier.
- 23. Grimm, KA. <u>Veterinary Anesthesia and Analgesia: The Fifth Edition of Lumb and Jones</u>. 5<sup>th</sup> ed. (2015). Ames, IA: Wiley-Blackwell.
- 24. Hall, JE. <u>Guyton and Hall Textbook of Medical Physiology</u>, <u>13th</u> ed. (2015), Philadelphia: Elsevier.
- 25. Hermanson, JW. Miller's Anatomy of the Dog. 5<sup>th</sup> ed. (2019). St. Louis: Elsevier.
- 26. Houpt, KA. <u>Domestic Animal Behavior for Veterinarians & Animal Scientists</u>, 6<sup>th</sup> ed. (2018), Ames, IA: Wiley.
- 27. Johnson, KA. <u>Piermattei's Atlas of Surgical Approaches to the Bones and Joints of the Dog and Cat.</u> 5<sup>th</sup> ed. 2014. St. Louis: Elsevier.
- 28. Johnston, SD. <u>Canine and Feline Theriogenology</u>, (2001), Philadelphia: Elsevier.
- 29. Jones, TC. Veterinary Pathology, 6<sup>th</sup> ed. (2006), Ames, IA: Blackwell.
- 30. Kahn, CM. Merck Veterinary Manual, 10th ed. (2010), Whitehouse Station, NJ: Merck.
- 31. Kealy, JK. <u>Diagnostic Radiology and Ultrasonography of the Dog and Cat,</u>s" ed. (2011), St Louis: Elsevier.
- 32. Knottenbelt, De. Equine Neonatology Medicine and Surgery, (2004), St. Louis: Elsevier.
- 33. Kumar, V. Robbins and Cotran Pathologic Basis of Disease, 9th ed. (2015), Philadelphia: Elsevier.
- 34. Kumar, V. Robbins Basic Pathology, 9<sup>th</sup> ed. (2013), St Louis: Elsevier.
- 35. Landsberg, G. Behavior Problems of the Dogs & Cat, 3<sup>rd</sup> ed. (2013), St Louis: Elsevier.

- 36. Latimer, KS. <u>Duncan & Prasse's Veterinary Laboratory Medicine Clinical Pathology</u>, 5<sup>th</sup> ed. (2011), Ames, IA: Wiley-Blackwell.
- 37. MacLachlan, NJ. Fenner's Veterinary Virology, 5th ed. (2016), Burlington, MA: Academic (Elsevier).
- 38.Mattoon, JS. Small Animal Diagnostic Ultrasound. 3rd ed. (2015). St. Louis: Elsevier.
- 39. Maxie, MG. <u>Jubb. Kennedy. & Palmer's Pathology of Domestic Animals</u>, 6<sup>th</sup> ed. (2016), St Louis: (Elsevier)
- 40. McAuliffe, SB. Knottenbelt and Pascoe's Color Atlas of Diseases and Disorders of the Horse. 2<sup>nd</sup> ed. (2014). St. Louis: Elsevier.
- 41. Miller, WH, Jr. Muller & Kirk's Small Animal Dermatology, 7th ed. (2013), St Louis: Elsevier.
- 42. Muir, WW, III. Handbook of Veterinary Anesthesia, 5th ed. (2013), St Louis: Elsevier.
- 43. Nelson, RW. Small Animal Internal Medicine. 5th ed. (2014), St Louis: Mosby (Elsevier).
- 44.0'Brien, TR. <u>O'Brien's Radiology for the Ambulatory Equine Practitioner</u>, (2005), Jackson, WY: Teton NewMedia.
  - 45.Olmstead, ML. Small Animal Orthopedics, (1995), St Louis: Mosby.
- 46.Osborne, CA. <u>Urinalysis: A Clinical Guide to Compassionate Patient Care,</u> (1999), Shawnee Mission, KS: Bayer.
  - 47.Plumb, DC. Plumb's Veterinary Drug Handbook, 9th ed. (2018). Ames, IA: Wiley.
  - 48. Pugh, DG. Sheep and Goat Medicine, 2<sup>nd</sup> ed. (2012), Maryland Heights, MO: Elsevier.
  - 49.Radostits, OM. <u>Herd Health: Food Animal Production Medicine</u>, 3<sup>rd</sup> ed. (2001), Philadelphia: Elsevier.
- 50.Radostits, OM. <u>Veterinary Medicine</u>: A textbook of the diseases of cattle. horses. sheep. pigs and goats, 10th ed. (2007),
  - St. Louis: Elsevier.
  - 51. Reed, SM. Equine Internal Medicine, 4<sup>th</sup> ed. (2017), St Louis: Elsevier.
  - 52. Riviere, JE. Veterinary Pharmacology & Therapeutics, 10<sup>th</sup> ed. (2018), Ames, IA: Wiley.
  - 53. Ross, MW. <u>Diagnosis and Management of Lameness in the Horse</u>, 2<sup>nd</sup> ed. (2011), St Louis: Elsevier.
  - 54. Sharp, NJH. Small Animal Spinal Disorders: Diagnosis and Surgery, 2<sup>nd</sup> ed. (2005), St Louis: Elsevier.
  - 55. Singh, B. <u>Dyce, Sack, and Wensing's Textbook of Veterinary Anatomy.</u> 5<sup>th</sup> ed. (2017), St. Louis: Elsevier.
  - 56. Slatter, D. Textbook of Small Animal Surgery, 3<sup>rd</sup> ed. (2002), St Louis: Elsevier.
  - 57. Slauson, DO. <u>Mechanisms of Disease: A Textbook of Comparative General Pathology</u>, 3<sup>rd</sup> ed. (2002), St Louis: Elsevier.
  - 58. Smith, BP. Large Animal Internal Medicine, 6th ed. (2020), St Louis: Elsevier.
  - 59. Speirs, vc. Clinical Examination of Horses, (1997), Philadelphia: Saunders.
  - 60. Stockham, SL. Fundamentals of Veterinary Clinical Pathology, 2<sup>nd</sup> ed. (2008), Ames, IA: Wiley.
  - 61. Thrall, DE. <u>Textbook of Veterinary Diagnostic Radiology.</u> 7<sup>th</sup> ed. (2018), St Louis: Elsevier.
  - 62. Thrall, MA. <u>Veterinary Hematology and Clinical Chemistry</u>, 2<sup>nd</sup> ed. (2012), Ames, IA: Wiley-Blackwell.
  - 63. Timoney, JF. <u>Hagan and Bruner's Microbiology and Infectious Diseases of Domestic Animals</u>, 8<sup>th</sup> ed. (1988), Ithaca, NY: Comstock.
  - 64. United States Department of Agriculture. [Internet] 2013. Animal Welfare Act and Animal Welfare Regulations. Available at:

http://www.aphis.usda.gov/animalwelfare/downloads/Animai%20Care%20Blue%20Book%20-%2020 13%20-%20FINAL.pdf

- 65. US Government Printing Office. Code of Federal Regulations, <u>Title 7, Agriculture</u>; <u>Title 9, Animals and Animal Byproducts</u>; <u>Title 21, Food and Drugs</u>; and <u>Title 42, Public Health</u>.
- 66. Willard, MD. Small Animal Clinical Diagnosis by Laboratory Methods, 5<sup>th</sup> ed. (2012), St Louis: Elsevier.
- 67. Wingfield, WE. Veterinary ICU Book, (2002), Jackson Hole, WY: Teton NewMedia.
- 68. Withrow, SJ. Withrow & MacEwen's Small Animal Clinical Oncology, 5<sup>th</sup> ed. (2013), St Louis: Elsevier.
- 69. Youngquist, RS. <u>Current Therapy in Large Animal Theriogenology</u>, 2<sup>nd</sup> ed. (2007), St Louis: Elsevier.
- 70. Zachary, JF. Pathologic Basis of Veterinary Disease, 6<sup>th</sup> ed. (2016), St Louis: Elsevier.
- 71. Zajac, AM. Veterinary Clinical Parasitology, 8th ed. (2012), Ames, IA: Wiley-Blackwell.