

Nebraska FFA Veterinary Science Contest

2024 Districts 3, 4 & 10

Northeast Community College

2025

Contest Overview: The exam is made up of 50 multiple choice questions. The questions include:

- **Animal Diseases:** Large animal diseases: Respiratory, Reproductive and Digestive. Small animal diseases: Respiratory and Digestive. Both will cover transmission of the disease, common treatment options and basic tests run to assist in diagnosis.
- **Anatomy/Physiology:** Basic anatomy/physiology questions of the animal as well as normal vital signs and gestation periods.
- **Animal Instruments:** 5 large animal instruments and 5 small animal instruments that will be identified and/or function of the instrument determined.
- **Parasites:** Images of external and internal parasites of both large and small animals. The student will have to be able to identify them by picture and will need to know lifecycles of the parasite.
- **Breed identification:** This will include all large animal species as well as small animal and exotic species.

Students will need to bring a calculator.

Please see attached reference list for suggested study materials.

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Reference List

- An Illustrated Guide to Veterinary Medical Terminology. Romich. ISBN: 978-1-4354-2012-0 (Delmar Cengage)
- Veterinary Instruments and Equipment: A Pocket Guide. Sonsthagen. ISBN: 978-0323032032 (Elsevier)
- McCurnin's Clinical Textbook for Veterinary Technicians. McCurnin, Bassett. ISBN: 978-1416057000 (Elsevier)
- Small Animal Surgical Nursing: Skills and Concepts. Busch. ISBN: 9780323030632 (Elsevier)
- Large Animal Clinical Procedures for Veterinary Technicians. Holtgrew-Bohling. ISBN: 978-0-323-07732-3 (Elsevier)
- Manual of Clinical Procedures in Dogs, Cats, Rabbits & Rodents. Crow, Walshaw, Boyle. ISBN: 978-0813813042 (Wiley-Blackwell)
- Small Animal Care and Management. Warren. ISBN: 978-1-4180-4105-2 (Cengage)
- Modern Livestock and Poultry Production. Gillespie. ISBN: 978-1-4283-1808-3 (Cengage)

- Laboratory Procedures for Veterinary Technicians. Sirois. ISBN: 978-0323169301 (Elsevier)
- Diagnostic Imaging for Veterinary Technicians. Sirois/Schlote. ISBN: 978-1-68135-400-2 (Bluedoor Publishing)