

# 4-H & FFA Veterinary Science Contest

Superintendent – Dr. Joe W. Mask – College Station, TX  
Assistant Superintendents – David Sessum – Bryan, TX

<b>Contest:</b>	Saturday, October 14, 2017-Calf Scramble Participant Room-Extraco Show Pavilion
Registration & Orientation:	10:30 a.m.
Contest Begins:	11:30 a.m.
Tabulation:	3:30 p.m. or immediately following contest
Finals:	4:00 p.m. or immediately following tabulation
Results and Awards:	6:00 p.m. or immediately following finals

*\*Times are tentative and subject to change*

This show is subject to the Heart of Texas Fair and Rodeo General Rules and Regulations and to the Special Rules of this section. Where Special Rules conflict with other rules, Special Rules prevail.

## Special Rules for Veterinary Science Contest

### 1. Eligibility: (See Eligibility for all 4-H and FFA Contests)

**Junior Division:** participants must be 8 years of age (in addition to being in the 3rd grade) and not over 13 years of age as of August 31, 2017.

**Senior Division:** participants must be 14 to 18 years of age as of August 31, 2017.

### 2. Conduct of Contestants: (See Conduct of Contestants for all 4-H and FFA Contests)

#### 1. ALL TEAMS AND INDIVIDUALS WILL ENTER THE MORNING OF THE CONTEST

**Entry Fee: \$10 per individual – NO LIMIT ON INDIVIDUALS**

**4. Contest participation:** This will be an individual contest. Team awards will be given, after the first three rounds are complete, the scores of the top three individuals within a FFA Chapter or County 4-H Club will be combined to determine team scores. The Communication round (final round) will not count towards team scores.

**5. Contest Components:** There will be four (4) components or “rounds” to the contest. Each component will be weighted in the following manner for scoring purposes:

Written Exam	200 points (20%)
ID Exam	150 points (15%)
Practicum	500 points (50%)
Communication	150 points (15%)
TOTAL	1000 POINTS (100%)

All participants will compete and earn points in the first three (3) rounds of Written Exam, ID Exam and Practicum for a maximum of 850 points. The top five (5) participants in Junior division and the top five (5) participants in the Senior division, earning the most points in the first three (3) rounds will then advance to the Communication round. Total scores to establish final ranking will be determined by addition points earned in all four (4) contest components for a maximum of 1000 points.

**6. Written Exam:** Questions will be written regarding information selected from the Veterinary Science: Preparatory Training for the Veterinary Assistant. Questions will be derived from the lessons in the reference book, as well as, from the knowledge that can be obtained by participating in activities of the veterinary science project. Questions may be multiple choice, true/false, matching, identification or short answer. There will be 100 questions, each worth two (2) points, for a total of 200 points.

**7. Identification Exam:** The Identification Exam will include Veterinary Instruments, Breeds (cattle, horses, sheep, goats, swine, dogs, and cats), Parasites, and Internal Organs. This portion will be made up of 50 questions worth 3 points each for a total of 150 points.

**8. Practicum:** The Practicum will be the hands-on component of the contest. Participants will perform the skills individually. The superintendents will select four of the ten skills listed below. Refer to the [aevm.tamu.edu](http://aevm.tamu.edu) website to find practicum rubrics for the contest.

- i. Administering an Intramuscular Injections
- ii. Bandage Removal
- iii. Prepare a Surgical Pack for Sterilization
- iv. Surgical Site Preparation
- v. Place a Tail Tie
- vi. Apply Elizabeth Collar
- vii. Opening a Surgery Pack
- viii. Filling a Syringe for Injection
- ix. Removal of Sutures
- x. Administer Oral Tablet/Capsule

At each station, instructions and time constraints will be provided. The practicum will be judged using a rubric for thoroughness, safety, and overall completion of the skill in the allotted time. The Practicum will be worth 500 points total. Each skill may be weighted with different point values depending upon the complexity of the skill.

**9. Communication (Final Round):** The top five (5) participants in the Junior Division and the top five (5) participants in the Senior Division will advance to the Communication round. Top scores for the finalist in each age division will be determined by adding participants' points from the first three (3) contest components (Written Exam, ID Exam, and Practicum). For the Communication round, the top 5 participants in each age division will individually present a 3-5 minute informative speech related to the specified topic without using any outside materials. Each year, a list of five (5) possible topics will be identified so that preparation may begin prior to the contest. From these five (5) topics, one will be selected by contest officials as the Communication round topic for the contest. Participants will receive the selected speech topic the day of the contest and will have no less than 15 minutes to prepare. Judges may ask questions. Spectators and eliminated participants may watch the Communication round, but may not speak, signal, or otherwise communicate with participants. Spectators and eliminated participants may not ask questions. The Communication round will be worth 150 points.

**Potential topics: Junior**

- Physical Examinations
- Clinic Infectious Disease Control
- Brucellosis & Tuberculosis Eradication Programs
- Handling & Restraining Livestock
- Post-Mortem Examinations

**Potential topics: Senior**

- Rabies Control Program
- Infectious Diseases: Integumentary System
- Carcass Disposal Regulations
- Marketing Livestock
- Food Safety Programs

**10. Contest resources:** Veterinary Science: Preparatory Training for the Veterinary Assistant; Author: Floron C. Faries, Jr. Juniors in the contest will cover information listed in lessons 1-20. Seniors in the contest will cover information listed in Lessons 1-100.

**11. Awards:** Contestants must be present to receive their awards. Any remaining awards will not be mailed following the show. The following awards will be awarded in both Junior and Senior divisions.

## **AWARDS**

**1<sup>st</sup>, 2<sup>nd</sup> & 3<sup>rd</sup> Place Teams**  
**Team Banner plus rosette for each team member**

**1<sup>st</sup> Place Senior Individual**  
**\$500 Scholarship**

**2<sup>nd</sup> Place Senior Individual**  
**\$250 Scholarship**

**3<sup>rd</sup> Place Senior Individual**  
**Banner**

**1<sup>st</sup>, 2<sup>nd</sup> & 3<sup>rd</sup> Place Junior Individuals**  
**Banner**