PA FFA Veterinary Science Career Development Event

Chairperson Information

CDE Chairperson	Melanie Berndtson
Email	mberndtson@wellsborosd.org
Best Contact Number	570-724-3547
Contest Date/Times	Tuesday 1:00 pm – 4:30 pm; Wednesday 8:00 am – 1:00 pm
Contest Location	TBA
Event Review	Day 1 – 4:00 pm Tuesday
CDE Review Location	TBA

Basic CDE Guidelines

<table>
<tr><td>Event Type: Individual/Team</td><td># of Team Members: 4 members</td></tr>
<tr><td><u>Individual Materials List</u>
Pencil
Clipboard if desired
Basic Calculator
Members do NOT need to bring materials for the practicums</td><td><u>Group Materials List</u>
None</td></tr>
<tr><td><u>Attire</u>
Tuesday & Wednesday: Scrubs – top and bottom, or polo and slacks. Closed toe and heel, flat shoes (no clogs, sandals, or flip-flops), no jewelry including bracelets, earrings, rings, or exposed body piercings; Permanent jewelry must be covered. wristwatches permitted. Hair must be pulled back.
No hats and no smart watches will be permitted either day. Please refrain from wearing branded clothing items if possible.
*Students will lose 50 points off their final score for each day they are inappropriately dressed. The committee may increase the deduction in extreme cases.</td><td><u>CDE At-A-Glance (List of major components)</u>
Individual Activities:
Written Exam
Breed ID
Parasite ID
Equipment ID
Math Problems
4 practicums - 2 clinical, 2
Team Activity</td></tr>
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- It is expected that students will have reviewed the practicums before coming to the event. Students will get a specific time limit to complete the practicums. Students must verbally describe the practicum while completing the steps. No instruction will be given. There should be no discussion of practicums after students have left the judging room, until they leave the building with their team.

CDE Changes from Previous Years?

- Team Activity: Only the top 10 teams based upon the individual scores will advance and present their team activity. All teams will continue to be ranked.

Expectations at the Contest

*Teams/Individuals will be given a specific arrival time for the contest and will show up at that time as a team for both days of the contest.

CDE Rules

CDE Component	Points	Component Description
Written Exam/Individual	100 points	50 multiple choice questions/ 2 points per question – PA FFA question bank/previous national exams (.8 min per question)
Equipment ID/Individual	60 points	30 pieces of equipment/ 2 points per piece – Attached ID list (.8 min per question)
Breed ID/Individual	20 points	10 breeds/ 2 points per breed – Attached ID list (.8 min per question)
Parasite ID/Individual	20 points	10 parasites/ 2 points per parasite – Attached ID list (.8 min per question)
Math Problems/Individual	100 points	20 questions/5 points a piece will be given with multiple-choice answers. Types utilized include dosage, dilutions, costs, invoicing, and conversions. (1 minute per question)
Handling and Restraint Practicum/Individual	60 points	Graded using rubric; 30 points per activity. 15 points for completing the practicum according to the rubric and 15 points for describing the process as the student is completing it. ~~(6 minutes per practicum)~~

Clinical Procedures Practicum/Individual	100 points	Graded using rubric; 50 points per activity. 25 points for completing the practicum according to the rubric and 25 points for describing the process as the student is completing it. ~~(6 minutes per practicum)~~
Team Activity/Team	300 points	Graded using rubric; 300 points. Students have 10 minutes to prepare a presentation and 15 minutes to present. They will be judged on their presentation (300 pts). . All team members must participate.

Teams will utilize the information they gathered from the scenario(s) presented during the individual activities to complete the team activity. Each student will be provided with scratch paper during the event to write down key information while they are completing the testing segments of the contest. After each student completes their individual components, the team will convene to discuss the scenario they just completed. Students may be provided additional data needed to present their findings as a team. The team will have 10 minutes to finalize their findings.After preparation the team will give an oral presentation for a maximum of 15 minutes explaining findings made by the team. All team members are expected to participate in the presentation. The team will then be required to answer questions from judges regarding the findings and rationale of the presentation. Resources provided for the team activity may include diagnostic information like blood work, synopsis of disease state, treatment recommendations and cost information. The team should be prepared to present their findings in a variety of manners that could include presenting to a client, general public or a veterinary professional.

After the individual components are complete on day 2 of the contest, contestants will be dismissed. All teams will be ranked based upon the individual scores of the team members. Teams will be asked to return at an announced time and the top 10 teams will be announced and only those teams will complete the team activity portion. All other teams and individuals will be dismissed at that time.

Total Individual Points: 460 points
Total Team Points: 460 x 4 = 1840 + 300 = 2140 points
*Teams not selected to advance for the team activity portion will be ranked based upon the four individual scores of the team members.

Causes for Disqualification: Cheating; breaking the PAFFA code of conduct rules; student caught with an electronic device during the contest

Tie-breaker: Team tiebreakers in order: 1) Combined individual practicum total score 2) Combined individual written exam total exam
Individual tiebreakers in order: 1) Combined practicum score 2) Written exam score 3) Total of Equipment ID and Parasite ID

Resources

2010 Vet Skills Question Bank Master - http://www.paffa.org/page.aspx?ID=409
National FFA Veterinary Science CDE Handbook - https://ffa.app.box.com/s/op9gf8zsazndqlhlhbvaegb7e4e15qjy/file/290519766372

Math Practicum:
*Old Cornell Veterinary Science Curriculum “Posology” Chapter (Found on various ag teacher FB drive sites)
*Medical Mathematics and Dosage Calculations for Veterinary Professionals - Bill Robert
*Essential Calculations for Veterinary Nurses and Technicians - Terry Lake and Nicola Green

Day 1 Time Breakdown			
Activity	Time/Question	Question/Activity	Total Time/Activity
Written Exam	.8 min	25	20
ID - Equipment	.8 min	15	12
ID - Parasites	.8 min	5	4
ID - Breeds	.8 min	5	4
Math Application	1 min	10	10
Handling Practicum	TBA	1	6
Clinical Practicum	TBA	1	6
		Total Time Day 1:	62 Minutes

Segment 1	Segment 2	Segment 3
General Knowledge	Clinical Application	Wrap-up
33 min	21 min	8 min
25 written exam questions + 13/16 ID/Math questions (13 min)	2 practicums + 9-11 ID/Math questions (9 minutes)	8-10 ID/Math questions (8 minutes)

Day 2 Time Breakdown			
Activity	Time/Question	Question/Activity	Total Time/Activity
Written Exam	.8 min	25	20
ID - Equipment	.8 min	15	12
ID - Parasites	.8 min	5	4
ID - Breeds	.8 min	5	4
Math Application	1 min	10	10
Handling Practicum	TBA	1	6
Clinical Practicum	TBA	1	6
Team Preparation	10 min	1	10
Team Activity	15 min	1	15
		Total Time:	87 minutes

Segment 1	Segment 2	Segment 3
General Knowledge	Clinical Application	Wrap-up
33 min	21 min	33 min
25 written exam questions + 13/16 ID/Math questions (13 min)	2 practicums + 9-11 ID/Math questions (9 minutes)	8-10 ID/Math questions (8 minutes) Team Prep + Activity