

ANIMAL HEALTH

August 1, 2006

Purpose

The Animal Health CDE is designed to assess the skills and knowledge that students must possess to work in an animal health occupation, such as in a veterinarian's office or in an animal research facility.

Date

State: Determined by the Agricultural Education Service

Location

State: Determined by the Agricultural Education Service

CDE Rules 1 Each school may enter an unlimited number of dues paid FFA members as participants, the top 4 scores will be considered the "team" and the top 3 scores will be the team score of record.

Each contestant will have two hours to complete the total event, consisting of a written test, and identification test, and a skills practicum.

Written Test (75 points)

1. The written test (online prior to the event) will be 75 multiple choice, matching and/or true/false questions worth one point each.
2. The test will cover all aspects of animal health, but information for test questions will be limited to books, chapters, and/or pages listed in the reference section of these rules.
3. Test questions will be weighted according to percentages also listed in the reference section.

Identification (50 points)

1. Fifty slides, pictures, or actual items will be presented to the contestants to identify on a multiple choice type test. Each item to be identified will be worth one point each.
2. Items, slides, or pictures to be identified will be broken down as follows:

Tools and equipment 38

External parasites 6

Internal parasites 6

50 possible points

3. Tools and Equipment
(38 points)

adson tissue forceps

agar

Allis tissue forceps

autoclave and tray

Backhaus towel clamp

bandage scissors

blood collection tubes- purple-red- green tops

canine mouth gag

capillary tube

cat cage

cautery unit

centrifuge

centrifuge test tube

cold sterilization tray

crile forceps (curved and straight)

dental scaler

dog snare

Elizabethan collar

endotracheal tube

exam table

fecal loop

hemacytometer

hospital jar set

incubator

inoculating loop

instrument tray

Kelly forceps

laryngoscope

Mason metasplint

Mayo hegar needle holder

Mayo scissors

metabolism cage

Metzenbaum scissors

microscope

mosquito forceps (curved and straight)

muzzle (all varieties)

nail trimmer (all varieties)

Olsen hegar needle holder

ophthalmoscope

otoscope

petri dish

pipette

rabbit holder

refractometer

rodent holder

rubber bulb syringe

scalpel handle and blades

seal ease

shoebox cage

Snook hook

stethoscope

stomach tube

surgical cap

surgical drape

surgical gloves

surgical gown

surgical mask

surgical table

suture material (pkgs.)

syringe

test tube rack

thermometer, digital

Thomas leg splint

thumb forceps

tissue culture swab

two key counter

ultrasonic dental scaler

vacutainer

wire scissors

x-ray film

x-ray machine

x-ray viewer

4. External Parasites (6 points)

biting lice

brown dog tick

cheyletiella (walking dandruff)

deer tick

demodectic mange mite

ear mite

flea

ringworm

sarcoptic mange

sucking lice

5. Internal Parasites (6 points)

coccidia

giardia

heartworm

hookworm

roundworm

tapeworm

whipworm

Practicum (75 points)

The practicum will be judged in 4 sections by 4 different judges. Point values to be scored by each judge are as follows: (see attached scorecards) Judge 1, 20 points; Judge 2, 20 points; Judge 3, 20 points; Judge 4, 15 points (75 points possible)

1. Judges will not be able to explain or assist contestants in any way.

All contestants will perform the same selected skills.

Animals used in all phases of the practicum will include dogs, cats, rabbits, guinea pigs, gerbils, hamsters, rats, and mice, unless otherwise noted.

Skills to be tested will be selected from the practicum skill list:

Scoring Guide

1. Individual Written test 75 points Identification 50 points Practicum 75 points 200 Points total
2. Team 200 points x 4 individuals = 800 points

References

1. **Small Animal Care and Management,**

Dean M. Warren Publisher: Delmar

Current edition. **38** questions total Please use the following chapters only:

Chapter 1 thru 8 only

2. AALAS Training Manual Series, Vol. I Assistant Laboratory Animal Technician, 89-1. Stark and Ostow, editors, American Association for Laboratory Animal Science, 9190 Crestwyn Hills Drive, Memphis, Tennessee, 38125. (901) 753-0046. **37** questions total
All Chapters except 15, 24, 25, 26, 27, 28 and 29.

3. **The following references may be used as supplementary references for tool identification and practicums.**

Animal Care Training Program Series

Written test questions will be weighted for the reference as follows:

AALAS _____**50%**

Small Animal Care and Management, 2nd Edition, Dean M. Warren Publisher: Delmar

Current edition _____**50%**

Animal Health Practicum Skills Scorecard #1
Name _____ School

A judge will score student on ONE of the following skills for a total of 20 points. All students will be judged on the performance of the SAME skills.

Handle Dog

1. Lift dog _____/5
2. Restrain dog on side _____/5
3. Identify I.V. injection site _____/5
4. Restrain dog for I.V. blood sample _____/5

Handle Dog

1. Use dog snare _____/5

2. Muzzle dog _____/5
3. Place Elizabethan collar on dog _____/5
4. Identify blood sampling site _____/5

Handle Rodent _____ (identify type of rodent)

1. Remove from and return to cage safely _____/4
2. Sex animal _____/4
3. **Identify rodent** _____/2
4. Point out blood sampling site _____/2
5. Place animal in restraint device _____/4
6. Select appropriate cage for this rodent _____/4

Handle Rabbit

1. Remove from and return to cage safely _____/4
2. Sex rabbit _____/4
3. Point out I.V. injection site _____/2
4. Point out blood sampling site _____/2
5. Place rabbit in restraining device _____/4
6. Carry rabbit safely _____/4

Total _____/20

Animal Health Practicum Skills Scorecard #2
Name _____ School

A judge will score student on ONE of the following skills for a total of 20 points. All students will be judged on the performance of the SAME skills.

Perform CPR (**reference is animal care training program series**)

1. Position animal appropriately _____/4
2. Hands and fingers positioned correctly _____/4
3. Breaths performed correctly _____/4
4. Correct number of breaths to compressions _____/4
5. Overall method _____/4

Prepare Surgical Pack (**reference is animal care training program series**)

1. Describe instrument preparation _____/4
2. Select proper covers _____/4
3. Fold drape properly _____/4
4. Tape and mark _____/4
5. Give autoclave information _____/4

Prepare Gown for Pack

1. Gown folded correctly _____/7
2. Place on drapes correctly _____/7
3. Hand towel and sterility indicator on top _____/6

Remove Scalpel Blade from Handle

- | | |
|---|-------------------|
| 1. Choose instruments to remove blade _____/7 | correctly _____/6 |
| 2. Removed blade correctly _____/7 | |
| 3. Disposed of hazardous wastes, including sharps | Total _____/20 |

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Animal Health Practicum Skills Scorecard #3

Name _____ School _____

A judge will score student on ONE of the following skills for a total of 20 points. All students will be judged on the performance of the SAME skills.

Administer Otic Preparation

1. Describe ear anatomy _____/5
2. Interpret preparation label _____/5
3. Preparation placed in ear correctly _____/5
4. Massage in correct area _____/5

Administer Ophthalmic Preparation

1. Describe special tips for correct application _____/5
2. Interpret preparation label _____/5
3. Animal restrained correctly _____/5
4. Preparation applied correctly _____/5

Explain procedure Dog's Temperature

1. Choose correct instrument _____/5
2. Explain procedure _____/5
3. What is the normal range for ___ species /5

Describe Use of

(name tool or instrument)

1. Describe when tool or instrument used _____/5
2. Describe how tool or instrument used _____/5
3. Describe special tips for best use _____/5

Total _____/15

Prepare Medication

1. Prepare and select vial _____/5
2. Write label _____/7
3. Count correct numbers _____/8

Reconstitute Vaccine

1. Explain process _____/4
2. Reconstitute _____/4
3. Verify dosage accuracy _____/4
4. Proper disposal of needle _____/4

Total _____/20

Animal Health Practicum Skills Scorecard #4

Name: _____ School: _____

A judge will score student on ONE of the following skills for a total of 15 points. All students will be judged on the performance of the SAME skills.

Prepare Fecal

1. Collect sample ____/5
2. Add solution ____/5
3. Place slide/coverslip ____/5

Customer Service for pill administration

1. Explain label to client ____/5
2. Explain how to administer pill to pet ____/5
3. Provide an alternative form of pill administration-
____/5

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