

Vet Science CDE

2022 Osceola, IA

- Written Exam- 100 points
 - 50 Multiple choice questions- 60 minutes to take the test
- Identification- 100 points
 - Tools- 25 (2 points each)
 - Anatomy- cattle- 20
 - Parasites- swine- 15
- Critical Thinking Scenario Questions- 100 points
 - 4 questions
- Hands on Practicum- 50 points
 - one of the following- this will be a team event- they will do one of these as a team.
 - Topical Wound Treatment
 - Fill a syringe
 - Proper Use of Microscope

Filling a Syringe

Participant must talk through practicum steps with judge.

Criteria Points	Possible Points
1. The student determines the drug or vaccine and amount to be placed in the syringe.	4
2. The student selects the proper-sized syringe, needle length and gauge.	8
3. The student prepares a cotton ball saturated with alcohol.	4
4. The student places the cotton ball on the top of the vial and wipes the rubber stopper area.	4
5. The student places the vial upside down in one hand with the fingers curling around the vial securely.	4
6. The student uncaps the needle and inserts the needle into the rubber top of the vial.	4
7. The student withdraws the proper volume.	8
8. The student removes the needle from the vial.	4
9. The student gently taps or snaps the edge of the syringe to remove an air bubbles, or slightly expel the air by pushing the end of the plunger.	4
10. The student places needle and syringe in the sharps container.	6
Total Points	50

Administering Topical Wound Treatment

Participant must talk through practicum steps with judge.

Criteria Points	Possible Points
1. The student cleans area as necessary.	10
2. The student uses a tongue depressor to transfer an amount of topical medication if the container is for multiple doses.	10
3. The student applies the ointment onto the area in a circular motion, starting at the center of the wound and gently working outward.	10
4. The student does not contaminate the medication by touching items that touched the animal.	10
5. The student cleans the area and puts items away.	10
Total Points	50

Use of a Microscope

Participant must talk through practicum steps with judge.

Criteria Points	Possible Points
1. The student removes the plastic cover from the microscope; the arm of the microscope should face the user.	4
2. The student plugs in the microscope and turns on the power source including the light.	4
3. The student places a slide on the stage of the microscope, securing it in place.	4
4. The student places the projection lens on a low power.	4
5. The student uses the adjustment knob to lower the objective power while looking through the eyepiece.	4
6. The student looks at the stage through the eyepiece while focusing the slide; adjusts the focus accordingly; raises the objective arm away from the slide when complete.	6
7. The student applies a drop of immersion oil into the center of the slide specimen if using the oil immersion objective lens.	4
8. Lower the immersion objective slowly into the immersion oil.	4
9. The student slowly adjusts the focus knob while looking in the eyepiece.	4
10. When complete, the student raises the objective arm away from the slide.	4
11. The student removes the slide from the microscope stage.	4
12. The student uses a Kimwipe or lens paper piece to gently cleanse the objective.	4
Total Points	50

Equipment and Materials Identification List

100. Ambubag
101. Anesthetic machines
102. Animal clippers
103. Autoclave
104. Autoclave tape indicator
105. Backhaus towel clamps
106. Balling gun
107. Bands (castration or docking)
108. Bandaging material- Elasticon
109. Bandaging material– roll gauze
110. Bandaging material– vet wrap
111. Basket muzzle
112. Betadine
113. Brush - Body (soft bristle)
114. Brush - Dandy (stiff bristle)
115. Brush - Slicker
116. Brush - Pin
117. Bulb syringe
118. Cat bag
119. Carmalt
120. Catch pole (dog snare)
121. Catheter - IV
122. Catheter - butterfly
123. Catheter - urine
124. Centrifuge
125. Chain twitch
126. Chemical indicator strips
127. Clipper blades
128. Clipper comb
129. Surgical drapes
130. Cold sterile tray
131. Comb - Curry
132. Comb - Flea
133. Comb - Scotch
134. Cover slips
135. Dehorner - Barnes
136. Dehorner - electric
137. Dehorner - scoop or tube
138. Dental floats
139. Dental retractor
140. Dental scaler
141. Disposable hypodermic needles
142. Drench gun

143. Ear notcher
144. Ear tags
145. Ear tag (metal) pliers
146. Elastrator
147. Elizabethian collar
148. Emasculators
149. Endotracheal tubes
150. Fecal loop
151. Fecalizers
152. Feeding tube for small animals
153. Fetal extractor
154. Fingertip toothbrush
156. Forceps - Alligator
157. Forceps- Allis tissue
158. Forceps- Babcock tissue
159. Forceps- Brown-Adson thumb
160. Forceps- Crile
161. Forceps- Halstead mosquito
hemostatic
162. Forceps- Kelly
163. Forceps - Rat tooth thumb
164. Mouth gag speculum (small)
165. Mouth gag speculum (large)
166. Gavage needle
167. Gravity feeder / J tube
168. Halter
169. Head chute
170. Hog snare
171. Hoof knife
172. Hoof nippers
173. Hoof pick
174. Hoof rasp
175. Hoof trimmers
176. Humane twitch
178. Identification tag applicator
179. IV fluids
180. IV administration
181. Laryngoscopes
182. Lead rope
183. Lead shank
184. Needle holder - Mayo-Hegar
185. Needle holder - Olsen-Hegar
186. Microscope slides

187. Muzzle- commercial
188. Nail clippers - guillotine
189. Nail clippers - plier
190. Obstetrical chain and handle
191. Ophthalmoscope
192. Otoscope
193. Paste gun
194. Pig tooth nippers
195. Pill counting tray
196. Radiology personal protective equipment
197. Rumen magnet
198. Scalpel blade
199. Scalpel handle
200. Scissors– Bandage
201. Scissors- Lister bandage
202. Scissors- Littauer suture removal
203. Scissors- Mayo dissecting
204. Scissors- Metzenbaum dissecting
205. Shedding blade
206. Silver nitrate sticks
207. Small animal oxygen cage
208. Snook ovariohysterectomy hook
209. Squeeze chute
210. Staple remover
211. Steel lift table
212. Stethoscope
213. Surgical cap
214. Surgical gloves
215. Surgical gown
216. Surgical masks
217. Surgical tray
218. Suture materials
219. Suture needle
220. Suture wire cutting scissors
221. Syringe - leur lock
222. Syringe - slip tip
223. Syringe - automatic, multi-dose
224. Tattooing instruments - small & large
225. Tourniquet
226. Trocar & cannula
227. Weight tape