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| 1. Select 3 organ systems. Describe a structure and pathological condition for each level of that system:   1. cellular 2. tissue 3. organ   Example:  circulatory system  cellular-blood cell  disease: anemia low red blood cell count  tissue: artery  disease: arteriosclerosis; hardening of the arteries  organ: heart  disease: cardiomegaly; enlarged heart | 2. While practicing veterinary medicine brings joy to many there is a heavy emotional load on veterinary professionals. Share your thoughts on why compassion fatigue is prevalent in veterinary medicine and how veterinary professionals can combat this issue. | 3. Create career cards for different jobs of a licensed veterinarian. Each card should describe the role of that job. To personalize it, find an actual person that performs the job and make the card about him/her. | 4. Write a letter to livestock producers explaining the upcoming changes to the VFD and how the  veterinarian will assist with these changes and serve as a resource for questions and  concerns.  . |
| 5. Identify three skills or habits that you feel are the most important for an individual to be successful in veterinary medicine. Write two pages explaining how these skills will lead to a successful veterinarian. | 6. Create an adventure story book for elementary school students that is related to how to pursue a career in veterinary science. | 7. Select two zoonotic diseases. Discuss the roles of the county health department and veterinarians in preventing these diseases. | 8. Veterinarians prescribe or  dispense opioids for very limited uses, but know it is critical for certain animals to receive these  medications. How have veterinarians been affected by the opioid crisis? Share your thoughts on how  veterinary medicine should approach this issue. |
| 9. The Subjective, objective assessment plan is a necessary tool in veterinary medicine. Make a board game that describes the steps in this plan. Game should include specifics for each part of the plan. | 10. Compare the duties, work environment, opportunities, and salary of small and large animal veterinarians. Prepare a presentation describing the comparison. | 11. Write a minimum of two pages explaining a successful Veterinary office and it’s practices. Be sure to include examples, either fictional or personal. | 12. Create a vaccination program for a patient. Vaccination program should be for the duration of their lifetime. Vaccination program should include frequency, age, name, and reason for vaccination |
| 13. Many important events have happened throughout our history that have made a significant impact on veterinary medicine. Write two pages or create a timeline discussing the importance of significant changes to veterinary science and medicine. | 14. Find a case study on an animal. Select 15 words from the case study and define the words. Include the case study in your submission. | 15. Create a resume describing the skills you have acquired through your participation in Veterinary/Animal Science pathway | 16. Research 3 colleges accredited by the AVMA as Veterinary Schools. Write a paper or brochure describing the opportunities for each college. |