**SARDAR BHAGWAN SINGH UNIVERSITY, BALAWALA, DEHRADUN**

**Session: 2019 – 2020**

**ASSIGNMENT 7**

**School / Department** : Biotechnology and Biochemistry

**Name of Course and Semester :** B.Sc. Biotech 6th Sem

**:Subject :**Animal Biotechnology  **Code :** DSEBt-02

**Question 1) Fill in the blanks :**

1. African trypanosomiasis, also known as **………………………**
2. The third subspecies of  Trypanosoma brucei gambiense is a parasite primarily of ……….. and does not infect humans.
3. An untreated infection with *Trypanosoma gambiense* ……….. will cause death within months whereas an untreated infection with *Trypanosoma gambiense.* ………… will cause death after several years.
4. …………… and ………………… are the two anticoccidial agents
5. …………………… is a highly [contagious](https://www.merriam-webster.com/dictionary/contagious) [viral disease](https://www.britannica.com/science/viral-disease) affecting practically all cloven-footed domesticated mammals, including [cattle](https://www.britannica.com/animal/cattle-livestock), sheep, goats, and pigs.
6. Foot-and-mouth disease virus (FMDV), belong to the genus *………….*  within the family *…………….*.
7. *Theileriosis* is transmitted by ………………

**Question 2) Answer the following questions briefly:**

1. What do you understand by “Trypanosoma gambiense is digenetic”?
2. What is the difference between West African sleeping sickness and East African sleeping sickness?
3. Write about the hemolymphatic phase and the neurological phase ofTrypanosomiasis.
4. What are the Clinical Signs of *Coccidiosis* in Chickens?
5. How Chickens become infected by the *Coccidiosis*?
6. Write about Control & Prevention of *Theileria,*

**Question 3)Draw and Explain about the life cycle of the African Trypanosomiasis. Question 4) Draw the Life Cycle of *Theileria.***