

School of Basic and Applied Sciences

BioScience
ETE - Jun 2023

Time : 3 Hours

Marks : 100

Sem II - C2UH201C - Medical Microbiology

Your answer should be specific to the question asked

Draw neat labeled diagrams wherever necessary

1. Difference between microbial cell and plant/animal cell. K1 CO1 (5)
2. Define Microbiology with its short history. K1 CO1 (5)
3. Interpret Biogenesis and Abiogenesis theory. K2 CO2 (5)
4. Explain growth of microorganisms in relation to oxygen. K2 CO3 (10)
5. Analyze Leptospirosis. K3 CO4 (10)

OR

- Analyze Viral encephalitis in detail. K3 CO4 (10)
6. Analyze life cycle of filariasis in detail. K3 CO3 (10)
7. Analyze and construct life cycle of Tetanus. K4 CO4 (10)
8. Explain temperature relation of malaria with its life cycle. K3 CO3 (15)
9. Explain Toxoplasmosis, How it develop, its life cycle, transmission, symptoms and prevention. K4 CO4 (15)

OR

- Elaborate causes, sign and symptoms, treatment and prevention of Bacterial and Viral Meningitis. K4 CO4 (15)
10. Elaborate STDs: Chlamydia infection, gonorrhoea and trichomoniasis. K4 CO3 (15)