

School of Medical and Allied Sciences

Medical Lab Technology

ETE - Jun 2023

Time : 3 Hours

Marks : 100

Sem VI - BMLS6001 - Medical Parasitology and Entomology

Your answer should be specific to the question asked

Draw neat labeled diagrams wherever necessary

1. State the general characteristics of Cestodes. K1 CO2 (5)
2. Explain the direct smear preparation for helminthic infections. K2 CO3 (5)
3. Enumerate the morphology of *Trichomonas* trophozoite. K1 CO1 (5)
- 4) Outline the mechanism of infection and discuss the lifecycle of *Tapeworm*. K4 CO6 (10)

OR

- Outline the stool examination wet mount methods for diagnosis of parasite infections. K4 CO6 (10)
5. Illustrate about sedimentation technique for helminthic infections with proper procedure and interpretation. K3 CO3 (10)
 6. Discuss about the habitat, morphology and life cycle of *Plasmodium Vivax* K2 CO1 (10)
 7. Apply your knowledge on the morphology and life cycle of *Strongyloidesstercoralis*. K3 CO2 (10)
 8. Explain the diagrammatic life cycle of *Schistosoma Haematobium* along with its lab diagnosis. K4 CO5 (15)
 - 9) Examine the procedure and precautions for the iodine wet mount for routine stool examination for detection of intestinal parasites. K5 CO4 (15)

OR

- Examine the procedure, result and precautions for leishman staining. K5 CO4 (15)
10. Examine the floatation method for detection of intestinal parasites. K5 CO6 (15)