1. Write an essay on any one parasite considering morphology, life cycle and laboratory diagnosis:
   
   (1) Plasmodium falciparum

   (2) Leishmania donovani.

2. Attempt any two of the following:
   
   (1) Lab diagnosis of Taenia saginata

   (2) Morphology of D. latum

   (3) Life cycle of round worm

3. Write short note on any two of the following:
   
   (1) FNAB

   (2) Life cycle of Echinococcus granulosus

   (3) H & E Staining technique for tissue components

   (4) Comparison of Frozen and tissue biopsy technique.
Explain in brief:

(1) Define and enlist fixatives
(2) Name the vector of Brugia malayi.
(3) Give disadvantage of FNAC.
(4) Explain difference between retroinfection and reinfection in E. Vermiularis.
(5) Explain host and types of hosts.