**Sardar Bhagwan Singh University, Balawala, Dehradun, UK**

Week 6: Question Bank Course: M.Sc., Microbiology/Biotechnology

Semester II Subject: Immunology Course Code: BIOC-521

Subject teacher: Dr. S. K. KARN

1. Animals that are routinely infected with a protozoan or parasite are termed as \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
   a) definitive host  
   b) intermediate host  
   c) reservoir host  
   d) parasitic host.
2. Which of the following agent is used to prevent Malaria  
   a. Mebendazole  
   b. Chloroquine  
   c. Inactivated vaccine  
   d. Zinc table
3. Laboratory diagnosis of *Entamoeba histolytica* depends on identification in the \_\_\_\_\_\_\_\_\_\_\_.  
   a) blood  
   b) urine  
   c) saliva  
   d) stool
4. African sleeping sickness is caused by which of the following protozoa?  
   a) *Entamoeba histolytica*  
   b) *Trypanosoma gambiense*  
   c) *Leishmania donovani*  
   d) *Plasmodium vivax*
5. After how many days of infection by mosquitoes do the symptoms for malaria occur?  
   a) 1-2  
   b) 3-5  
   c) 10-16  
   d) 20-30.
6. *Leishmania* organisms are transmitted to humans by \_\_\_\_\_\_\_\_\_\_\_\_\_\_  
   a) sandflies  
   b) tsetse flies  
   c) mosquitoes  
   d) bugs.
7. Write name of different immune cell act against parasite.
8. Role of interleukin IL12 against helminthic infection.
9. Explain humoral verses cell mediated immunity.
10. Describe cytokine and their role in parasitic infection.