Lectures of Infectious Diseases 1

Medical Parasitology

Week 1	**1. Introduction to Medical Parasitology**
	2. Introduction to Trematodes
	3. Introduction to Cestodes
	4. Introduction to Nematodes
Week 3	**5. Introduction to Medical Protozoology**
	6. Introduction to Medical Entomology
Week 4	**7. Arthropods causing toxaemia and allergy**
	8. Myiasis
	9. Laboratory Diagnosis of Parasitic diseases

Clinical Pharmacology

1. Principle of antimicrobial use
2. Cell wall synthesis inhibitors I
3. Cell wall synthesis inhibitors II
4. Cell wall synthesis inhibitors III
5. Protein synthesis inhibitors I
6. Protein synthesis inhibitors II
7. Nucleic acid synthesis and function inhibitor + urinary antiseptic + cell membrane synthesis inhibitors
8. Antifungal drugs
9. Antiherpetic drugs
10. Anti- helminthic drugs

Microbiology and Immunology

Week 1	1. Microbial world and Bacterial cell structure 2. Bacterial growth & requirements & Bacterial spores 3. Pathogenesis of bacterial infection lecture 4. General features & classification of viruses 5. Viral replication and bacteriophage 6. Bacterial Genetics
Week 2	7. Mechanisms of Action of Antibacterial Agents 8. Bacterial resistance to chemotherapeutic agents 9. Staphylococci 10. Streptococci 11. Gram negative bacteria
Week 3	12. 10. Antigens and antibodies 13. Complement and MHC 14. Innate immunity 15. Immune response to infectious agents: Adaptive immunity
Week 4	16. Cytokines and Interferon 17. Vaccines 18. Herpes family 19. Mycology