



Govt. of Jammu & Kashmir
CLUSTER UNIVERSITY SRINAGAR
P.G DEPARTMENT OF ZOOLOGY
S.P.COLLEGE SRINAGAR

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شہری پرتاپ کالج

श्री प्रताप कालेज

Course Code: PGZOL-17E-105

Title: Veterinary Parasitology

Total Credits: 03 (3 Lecture + 0 Tutorial + 0 Practical)

Maximum Marks: 45

Unit 1: Protistian Protozoa

- 1.1. Protozoan parasites of Poultry with special reference to *Eimeria*
- 1.2. Epidemiology, life cycle, Pathogenicity and control of *Trypanosoma* and *Babesia* in Cattle.
- 1.3. Epidemiology, life cycle, pathogenicity and control of *Sarcocystis* and *Toxoplasma* in Sheep.
- 1.4. Host immune response to protozoans.

Unit II: Nematyhelminths and Acanthocephala

- 2.1 Nematode parasites of fishes with special reference to morphology, life cycle, pathogenicity and of Genus *Rhabdochona* spp .
- 2.2 Nematode parasites of Aves with special reference to morphology, life cycle, pathogenicity and control of *Heteraks gallinarum*.
- 2.3 Nematode parasites of Sheep with special reference to morphology, life cycle, pathogenicity and control of *Haemonchus contortus*.
- 2.4 Acanthocephalan parasites of fishes with special reference to morphology, life cycle, pathogenicity and control of *Pomphorhynchus*.

Unit III: Platyhelminths

- 3.1 Trematode and Cestode parasites of Fish with special reference to the morphology, biology and control of *Diplozoan* and *Adenoscole*
- 3.2 Trematode and Cestode parasites of Aves with special reference to the morphology, biology and control of *Echinostomum*.
- 3.3 Trematode and Cestode parasites of Ruminants with special reference to the morphology, biology and control of *Dicrocoelium* and *Monezia*.
- 3.4 General Account of Anthelmintics and Anthelminthic Resistance.