



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

NAAC Re-Accredited Grade A

M. A. Road Srinagar– 190001 Ph/Fax: 0194-2476828

E-mail: spcsgr1905@gmail.com website:-www.spcollege.co.in श्री प्रताप कालेज



شہری پرتاپ کالج

Course Code: PG-ZOL.17E104

Title: GENERAL AND MEDICAL PARASITOLOGY

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

Maximum Marks: 45

Unit 1: Introduction to Parasitology

- 1.1 Animal associations aimed to understand Parasitism ;
- 1.2 Glossary of Parasitology (Definitions and Concepts)
- 1.3 Important Parasites of Man--Impact and Transmission
- 1.4 Parasitic adaptations (Morphological and Physiological)
- 1.5 Host Parasite relationships.

Unit II: Protozoology

- 2.1 Introduction to Human Protozoan Parasites (Luminal and Blood)
- 2.2 Life cycle, Pathogenicity, Prevention and control of *Entamoeba* and *Leishmania*
- 2.3 Worldwide Malarial Scenario with special focus on immune-prophylaxis.
- 2.4 Opportunistic protozoan parasite of man: General biology of *Toxoplasma gondii*.

Unit III: Helminthology

- 3.1 Introduction, general organisation and outline classification of Helminths
- 3.2 Trematode parasites of man with morphology, life cycle, pathogenicity and control of *Schistosoma*
- 3.3 Cestode parasites of man with morphology, life cycle, pathogenicity and control of *Taenia*.
- 3.4 Nematode parasites of man with morphology, life cycle, pathogenicity and control of *Ascaris*.