

GOVERNMENT THAKUR RANMAT SINGH COLLEGE, REWA (M.P.)

B.Sc. (Hons) 1ST Sem.

ZOOLOGY

Paper- I

(H-1) LIFE AND DIVERSITY OF NON-CHORDATES

1. Characters and Classification of Porifera
2. Helminthes liver Fluke

Paper- II

(H-2) CELL AND DEVELOPMENT BIOLOGY

1. Prokaryotic and Eukaryotic Cell
2. Fertilization

Paper- I

(S-1) LIFE AND DIVERSITY OF NON-CHORDATES

1. Paramecium
2. Social life in insect

GOVERNMENT THAKUR RANMAT SINGH COLLEGE, REWA (M.P.)

B.Sc. (Hons) 3RD Sem.

ZOOLOGY

PAPER-V

(H-5) PHYSIOLOGY

1. Carbohydrates
2. Structure and Function of hemoglobin

PAPER-VI

(H-6) ECOLOGY

1. Characteristics, Growth and its analysis Population
2. Environmental pollution

PAPER-III

(S-3) PHYSIOLOGY

1. Nucleic acids and Nucleotides,
2. Blood Group

GOVERNMENT THAKUR RANMAT SINGH COLLEGE, REWA (M.P.)

B.Sc. 5TH Sem. (Hons)

ZOOLOGY

PAPER-IX

(H-9) GENETICS AND IMMUNOLOGY

1. Mendelian Law
2. Immunity

PAPER-X

(H-10) DEVELOPMENTAL BIOLOGY

1. Gametogenesis
2. Regeneration in Invertebrates

PAPER-V (Zoology)

(S-V) GENETICS AND IMMUNOLOGY

1. Linkage
2. Mutation

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M.Sc. Zoology 1ST Sem.

Paper- I

(BIOSYSTEMATICS, TAXONOMY AND EVOLUTION)

1. Taxonomic Procedures
2. Micro and macro evolution

Paper-II

(STRUCTURE AND FUNCTION OF INVERTEBRATES)

1. Origin of Metazoa
2. Excretion in higher invertebrates

Paper –III

(QUANTITATIVE BIOLOGY, BIODIVERSITY AND WILDLIFE)

1. Co-relation
2. Conservation of wildlife in India

Paper –IV

(BIOMOLECULES AND STRUCTURAL BIOLOGY)

1. Free energy
2. Biosynthesis of amino acids

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M.Sc. Zoology 3RDSem.

Paper –I

(COMPARATIVE ANATOMY OF VERTEBRATES)

1. Evolution of heart.
2. Aquatic adaptations in mammals

Paper –II

(LIMNOLOGY)

1. Origin and Classification of Lakes
2. Phytoplankton, Zooplankton and their inter- relationship.

Paper –III

(ECO-TOXICOLOGY)

1. A biotic and biotic factors of Ecosystems.
2. Noise pollution.

Paper –IV

(AQUACULTURE)

1. PolyCulture offish
2. Common fish diseases& their control.