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**Syllabus for B.Sc. I Zoology**  
**Syllabus to be implemented from June 2010 onwards**

### **SEMESTER- I** **THEORY**

<b>Paper</b>	<b>Title of the paper</b>	<b>Marks</b>
<b>I</b>	<b>Animal Diversity I,</b>	<b>50</b>
<b>II</b>	<b>Cell Biology and Genetics</b>	<b>50</b>

### **SEMESTER- II** **THEORY**

<b>Paper</b>	<b>Title of the paper</b>	<b>Marks</b>
<b>III</b>	<b>Animal Diversity –II</b>	<b>50</b>
<b>IV</b>	<b>Ecology, Ethology Evolution and Applied Zoology</b>	<b>50</b>

### **PRACTICAL** **TO BE TAKEN AT THE END OF SEMESTER-II**

<b>Practical</b>	<b>Title of the practical</b>	<b>Marks</b>
<b>I</b>	<b>Practical Based on Theory Papers I, II, III and IV</b>	<b>100</b>

# Zoology Syllabus Solapur University B Sc 1 Year 2015

**Agarwal V.K.**

## **Zoology Syllabus Solapur University B Sc 1 Year 2015:**

*Zoology for Degree Students B.Sc. First Year* Agarwal V.K., 2011-12 Unit I Animal Diversity I Non Chordate Lower Higher Part A Lower Non Chordates Invertebrates Part B Higher Non Chordate Unit II Cell Biology Biochemistry Unit III Genetics

*Zoology for Degree Students (For B.Sc. Hons. 1st Semester, As per CBCS)* Agarwal V.K., 2017-11 This textbook has been designed to meet the needs of B Sc Hons First Semester students of Zoology as per the UGC Choice Based Credit System CBCS Comprehensively written it explains the essential principles processes and methodology of Acoelomate Non Chordates along with Protista and Ecology This textbook is profusely illustrated with well drawn labelled diagrams not only to supplement the descriptions but also for sound understanding of the concepts *Zoology, For B.Sc. Students Paper-1 & 2 : Biodiversity & Ecology-I, II As per the Panjab University Syllabus* EL Jordan & PS Verma, This textbook has been designed to meet the needs of B Sc Second Semester students of Zoology for the Panjab University Chandigarh Maintaining the traditional approach to the subject this textbook not only provides strong conceptual understanding but also helps in developing scientific outlook of the student It comprehensively covers two papers namely Paper I Biodiversity Ecology I and Paper II Biodiversity Ecology II The first part of the book discusses phylum Arthropoda with a detailed case study of periplaneta Further it explains social organization in insects and economically important insects It also discusses the components and dynamics of ecosystem Second part of the book provides a detail account of phylum Mollusca along with its the general introduction and case studies Furthermore it elucidates natural resources like renewable and nonrenewable natural resources and their conservations This book also discusses the wildlife conservation including national park sanctuary and IUCN red list **General Zoology Syllabus** Brigham Young University. Department of Zoology and Entomology, 1940 Includes general zoology laboratory manual by the Department of Zoology and Entomology

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