

**B.N. Bandodkar College of Science, Thane**  
**F.Y. B.Sc. Second Term end Examination 2011**  
**Subject: Zoology**  
**Paper I**

Duration 2 hrs

Max Marks-60

- N.B. 1) All Questions are compulsory.  
2) Figures to right indicate full marks.  
3) Draw diagrams wherever necessary.
- Q.1) a) Answer the following 3  
1) Give any one example of an egg laying mammal.  
2) What is deamination?  
3) Define the term precocial.
- b) Answer in brief (any two) - 12  
1) Types of tailfin in fishes.  
2) Structure of neuron.  
3) Bird vocalization.
- Q2) a) Write any three characteristics of Super class Agnatha. 3  
b) Write short notes on (any three) 12  
1) Sepia.  
2) Salamander.  
3) Ostrich.  
4) Subphylum Urochordata.  
5) Bat.
- Q 3) a) Describe irritability in Paramoecium. 3  
b) Write short notes on (any three) 12  
1) Ornithine cycle.  
2) Structure of human eye (Draw labeled diagram only).  
3) Feed back mechanism.  
4) Spermatogenesis.  
5) Invitro fertilization.
- Q.4) a) Describe juvenile behaviour 3  
b) Answer in brief: (Any three) 12  
1) Innate behaviour.  
2) Imprinting.  
3) Mimcry.  
4) Learning to avoid enemies.  
5) Insight learning.