

B.N. Bandodkar College of Science, Thane
S.Y.B.Sc. First term end Examination Oct. 2011
Subject: Zoology
Paper III

Duration 2 hrs.	Max Marks-60
N.B. 1) All Questions are compulsory.	
2) Figures to right indicate full marks.	Marks
3) Draw neat labeled diagrams wherever necessary.	
Q.1) a) Answer the following.	03
1) Define ectoparasite.	
2) Define swarming in honey bee.	
3) Name two exotic breeds of goat?	
b) Answer any two	12
1) Describe life cycle of <i>Plasmodium vivax</i> in man.	
2) Structure of bee-hive.	
3) Explain natural hatching of poultry eggs.	
Q2) a) Write definitions and give examples of :- Monogenetic parasite, Intermediate host, Reservoir host.	03
b) Write short notes on any three .	12
1) Effect on host of <i>Entamoeba</i> .	
2) Life cycle of <i>Trypanosoma</i> .	
3) Effect on host of <i>Plasmodium</i> .	
4) Effect on host and control of <i>Leishmania</i> .	
5) Life cycle and control of <i>Entamoeba</i> .	
Q 3) a) Explain Waggle dance and its importance in honey bee.	03
b) Write short notes on any three .	12
1) Composition and uses of lac.	
2) Life cycle of desert locust <i>Schistocerca gregaria</i> .	
3) Control measures of rice weevil <i>Sitophilus oryzae</i> .	
4) Entomophagous insects.	
5) Economic importance of silk.	
Q.4) a) Explain bacterial diseases in goat.	03
b) Write short notes on any three	
1) Rice – come- fish farming in coastal areas.	12
2) Preventive health schemes for goat kids.	
3) Poultry diseases.	
4) Status of animal farming.	
5) Nomenclature and breeds of fowl.	

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