

B. N. Bandodkar College of Science, Thane
S.Y.B.Sc. A.T.K.T. / Failure Examination Aug. 2011.

Subject - Zoology

Paper – III

Duration-3 hrs.

Max. Marks-90.

1. All questions are compulsory.
 2. Draw neat and labeled diagrams wherever necessary.
 3. Figures to the right indicate full marks.
 4. Answer to both sections should be written in the same answer book.
- Q. 1. a) Define ectoparasite, permanent parasite, definitive host. (3)
- b) Write short notes on (any three) (12)
- 1) Trophozoite of *Entamoeba*.
 - 2) Life cycle of *Plasmodium* in Mosquito.
 - 3) Mode of infection and life cycle of *Trypanosoma*.
 - 4) Effect on host of *Leishmania*.
 - 5) Control of *Entamoeba* and *Plasmodium*.
- Q.2. a) Give an account of uses of lac. (3)
- b) Write short notes on (any three) (12)
- 1) Economic importance of silk.
 - 2) Control of locust.
 - 3) Life cycle of flour beetle – *Tribolium confusum*.
 - 4) Control measures of rice weevil – *Sitophilus orizae*.
 - 5) Social life in Honey bee.
- Q.3. a) Explain terms: Breed variety and Strain with reference to poultry. (3)
- b) Write short notes on (any three) (12)
- 1) Fish cum poultry- an integrated farming.
 - 2) Future of animal farming.
 - 3) Care and feeding the kids of goat.
 - 4) Abnormal eggs.

- 5) Diseases in goat.
- Q.4. a) Sketch and label head of *Taenia*. (3)
- b) Write short notes on (any three) (12)
- 1) Effect on host and control of *Enterobius*.
 - 2) Life cycle of *Wuchereria*.
 - 3) Effect on host of *Ancylostoma*.
 - 4) Effect on host and control of *Taenia*.
 - 5) Life cycle of *Dracunculus*.
- Q.5. a) Explain briefly Bombay duck fishery. (3)
- b) Write short notes on (any three) (12)
- 1) Prawn fishery.
 - 2) Drying with respect to fish preservation.
 - 3) Dugout canoe.
 - 4) Pearl oyster fishery.
 - 5) Cast net.
- Q.6. a) Describe signs of pregnancy in sheep. (3)
- b) Write short notes on (any three) (12)
- 1) Composition of milk.
 - 2) Benefits of vermiculture.
 - 3) Advantages of sheep farming.
 - 4) High calf mortality in Buffaloes.
 - 5) Characteristic features of Indian cattle breed.