

B.N. Bandodkar College of Science, Thane

S.Y.B.Sc Second Term end Examination 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.
3) Draw neat labeled diagrams wherever necessary.
- Q.1) a) Answer the following - 3
1) Describe mode of infection in *Taenia*.
2) What is capture fishery?
3) What is vermicompost?
b) Give an account of : (Any Two) 12
1) Life cycle and control of *Dracunculus medinensis*.
2) Sardine fishery.
3) Raising lambs.
- Q2) a) Describe morphology of *Taenia solium* adult worm. 3
b) Write short notes on : (Any three) 12
1) Effect on host of *Wuchereria*.
2) Life cycle of *Ancylostoma*.
3) Effect on host of *Taenia*.
4) Life cycle of *Enterobius*.
5) Effect on host of *Dracunculus*.
- Q 3) a) Write an account on methods of extraction of fish liver oil. 3
b) Write short notes on: (Any Three) 12
1) Drying with respect to fish preservation.
2) Dugout canoe.
3) Purse seine.
4) Prawn fishery.
5) Isinglass and fish flour.
- Q.4) a) Explain determination of age of sheep by teeth. 3
b) Write short notes on: (Any Three) 12
1) Composition of milk.
2) Characteristics and qualities of Indian cattle breed.
3) Management practices to reduce the mortality of calf in buffaloes.
4) Benefits of vermicompost.
5) Signs of pregnancy in ewe (female sheep).