

B.N.Bandodkar College of Science, Thane.

T.Y.B.Sc -Preliminary examination- Feb 2012.

Zoology- Paper IV

Duration: 3Hrs

Total Marks: 100

1. All questions are compulsory.
2. All questions carry equal marks.
3. Illustrate the answers with diagrams wherever necessary.

Q1. Write short notes on (Any four) 20

- a) Bharatpur.
- b) Frequency polygon.
- c) Components of air and their significance
- d) Swine flu
- e) Kin selection
- f) Biofuels.

Q2 Give an account of (Any two) 20

- a) EIA studies.
- b) Sustainable development.
- c) Prospects of Hydel and Fossil fuel energy in India and alternatives to their depletion.

Q3. Describe briefly on (Any two) 20

- a) Forest resources.
- b) Palaerctic realm.
- c) Homing and territoriality

Q4.Explain: (Any two) 20

- a) Methods of disinfection.
- b) National TB control programme.
- c) Ascariasis and filariasis.

Q5. Write an account on (Any two) 20

- a) Z test of significance.
- b) Sampling techniques
- c) Bar diagrams.