

B. N. BANDODKAR COLLEGE OF SCIENCE, THANE - 400 601.
FIRST TERM EXAMINATION OCT. - 2010

S. Y. B. Sc.

TIME : 2 Hrs.

SUBJECT : ZOOLOGY - III

MARKS : 60

- N. B. :** 1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Draw neat and labeled diagram wherever necessary.

Q.1 A) Answer the following : [3]

- i) Give definition of monogenetic parasite.
- ii) What are saponins ?
- iii) What is integrated farming ?

B) Answer briefly : (ANY TWO) [12]

- i) Describe mode of infection and control of Trypanosoma and Leishmania.
- ii) Explain Chemical control of insects by synthetic chemicals.
- iii) Write an account on artificial hatching of eggs.

Q.2 A) What is exoerythrocytic schizogony in Plasmodium. Give it's significance? [3]

B) Write short notes on : (ANY THREE) [12]

- i) Effect on host of Entamoeba.
- ii) Life cycle of Trypanosoma.
- iii) Control of Plasmodium.
- iv) Life cycle of Leishmania.
- v) Life cycle of Plasmodium in mosquito.

Q.3 A) Write an account on composition and uses of lac. [3]

B) Write short notes on (ANY THREE) [12]

- i) Life cycle of Sitophilus oryzae (Rice weevil).
- ii) Biological control by entomophagous insects.
- iii) Control measures of desert locust, Schistocerea gregaria.
- iv) Waggle dance in honey bee.
- v) Control measures of Aphids.

P.T.O.

Q.4 A) Give status of animal farming in India. [3]

B) Write short notes on : (ANY THREE) [12]

- i) Avian Flu
- ii) Diseases caused in Goat by bacteria.
- iii) Exotic breeds of goat.
- iv) Production systems in goat Farming
- v) Egg quality.

