

B. N. Bandodkar College of Science, Thane.

Semester End Examination 2013-2014

Semester III

USZO303

Duration: 2HRS

Total marks: 60

N.B.:

- 1. All questions are compulsory.**
 - 2. Figures to the right indicate full marks.**
 - 3. Draw neat and labeled diagrams wherever necessary.**
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- Q.1 (a) Answer the following: 03**
Write briefly about control measures for malaria.
Or
Draw a neat labeled diagram of sporozoite of *Plasmodium vivax*.
- Q.1 (b) Give an account of : (Any Two) 12**
1. Life cycle of *Entamoeba histolytica* and its control.
2. Life cycle of *Plasmodium vivax* in mosquito and its control.
3. Effect on host and control of *Trypanosoma brucei gambiense*.
4. Life cycle and control of *Leshmania donovani*.
- Q.2 (a) Write short note on: 03**
Desert locust.
Or
Biological control of insects by parasitic insects.
- Q.2 (b) Write an account on: (Any Two) 12**
1. Communication in honeybee.
2. Inoculation in lac culture.
3. Caterpillar larvae of silk moth.
4. Control measures of household insect.
- Q.3 (a) Answer the following. 03**
Give Composition of goat milk
Or
Describe assel and leghorn fowl?

Q.3 (b) Write short notes on: (Any Three)

12

1. Care of hen sitting for egg hatching.
2. Health scheme for goat kids.
3. Operation of artificial egg incubator.
4. Future of animal farming in India.
5. Management of paddy field and fish crop.
6. Semintensive goat production.

Q.4 (a) Answer the following. (Any Three)

03

1. Define Reservoir host and give example.
2. Define Endoparasite and give example.
3. Define locust plague.
4. Define sericulture.
5. Name the man made disease of poultry.
6. What is goat meat called?

Q.4 (b) Write short notes on: (Any Three)

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1. Primary lesions of *Entamoeba histolytica*.
2. Erythrocytic schizogony of *Plasmodium vivax*.
3. Life cycle of honey bee.
4. Sericulture.
5. Natural brooding.
6. Anthrax and Johne's disease in goat.
