

B. N. Bandodkar College of Science, Thane
Semester End Examination 2014-15
Semester III
USZO303

Duration: 2hr30min.

Total marks: 75

N.B.:

- 2. All questions are compulsory.**
 - 3. Figures to the right indicate marks.**
 - 4. Draw neat and labeled diagrams wherever necessary.**
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Q. 1 A) Answer the following

- i. Describe effect on host of *Trypanosoma brucei gambiense*.

05

OR

- i. Describe effect on host of *Leishmania donovani*.

Q. 1 B) Write short note on

- i. Life cycle of *Entamoeba histolytica* and its control.

08

OR

- i. Effect on host of *Plasmodium vivax* and its control.

- ii. Life cycle of *Trypanosoma* and its control

07

OR

- ii. Life cycle of *Leishmania* and its control.

Q. 2 A) Answer the following

- i. Write any four components of honey

02

OR

- i. Scientific name of mulberry silk worm & its two suitable food plants

- ii. Describe Communication in honey bee.

03

OR

- ii. Describe caterpillar larvae of silkworm.

Q. 2 B) Write short note on

- i. Legs of honey bee

08

OR

- i. Life cycle of lac insect

- ii. Biological control of insects

07

OR

- ii. Sericulture

Q. 3 A) Answer the following:

- i. Name two foreign breeds of fowl.

02

OR

- i. Name two foreign breeds of goats.

- ii. Describe feeding the goat kid.

03

OR

- ii. Care of sitting hen. in natural hatching.

(P. T. O.)

Q. 3 B) Write short note on.

i. Artificial hatching in eggs.

08

OR

i. Future of animal farming in India.

ii. Rice cum fish farming in coastal areas.

07

OR

ii. Goat production methods.

Q. 4 Write short note on. (Any 3)

15

i. Effect on host of *Entamoeba*.

ii. Life cycle of *Plasmodium vivax* in man.

iii. Uses of Lac

iv. Control measures of Flour beetle

v. Nutrient requirement for different purposes of goat breeding

vi. Abnormal and normal eggs.
