



K19P 0313

Reg. No. :

Name :

**II Semester M.Sc. Degree (Reg./Suppl./Imp.) Examination, April 2019
(2014 Admission Onwards)
ZOOLOGY
ZOO2C07 : Environmental Biology**

Time : 3 Hours

Max. Marks : 60

I. Answer **any two** of the following :

- 1) Write an essay on life history strategies.
- 2) Describe how human activities influence Nitrogen cycle.
- 3) Explain the significance of tropical rain forests. Describe the threats encountered and suggest management strategies.
- 4) Write an essay on solid wastes and their management. (2×12=24)

II. Answer **any two** of the following :

- 5) Explain the concept of sustainable development.
- 6) Describe the various threats encountered by coral reefs.
- 7) Explain life tables.
- 8) Describe the various defense mechanisms seen in plants. (2×8=16)

III. Answer **any four** of the following :

- 9) Explain species invasion.
 - 10) Describe the concept of carrying capacity.
 - 11) What is ecological modeling ?
 - 12) Give an account on the importance of wet lands.
 - 13) What is Shannon-Weiner Index ?
 - 14) Explain green house effect and its impacts. (4×5=20)
-