



K22U 0157

Reg. No. :

Name :

**VI Semester B.Sc. Degree (CBCSS – Supple./Improv.)
 Examination, April 2022
 (2016 – 2018 Admissions)
 CORE COURSE IN ZOOLOGY
 6B11ZLG : Environmental Science and Conservation Biology**

Time : 3 Hours

Max. Marks : 40

Instructions : 1) Answer may be written either in **English** or in **Malayalam**.
 2) **Give illustrations wherever necessary.**

- I. Answer **any one** of the following : (1×8=8)
 1) Make a brief note on genetic diversity.
 2) Explain various types of interspecific interactions.
- II. Answer **any one** of the following : (1×8=8)
 3) Describe various biotic and abiotic factors in an ecosystems.
 4) Give a brief account on various causes, effects and control measures of Air Pollution.
- III. Answer **any two** of the following : (2×4=8)
 5) Environmental Impact Assessment.
 6) Concept of limiting factors.
 7) Nitrogen cycle.
 8) Ecological succession.
- IV. Answer **any six** of the following : (6×2=12)
 9) Cave biomes.
 10) Mangroves.

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- 11) Sustainable development.
 12) Food chain.
 13) Over exploitation.
 14) Acid rain.
 15) Rare species.
 16) Remote sensing.

- V. Answer the following : (4×1=4)
 17) What do you mean by hot spots ?
 18) Red data list is published by _____.
 19) _____ is a green house gas.
 20) In which year Wild Life Protection Act was implemented ?