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**SUBJECT CODE NO: -Y-2036**  
**FACULTY OF SCIENCE AND TECHNOLOGY**  
**B.Sc. (PATTERN-2013) (T.Y SEM V)**  
**Examination April / May - 2024**  
**Zoology Paper- XV (Ecology)**

[Time: 1:30 Hours]

[Max. Marks:50]

N. B

Please check whether you have got the right question paper.

- 1) All questions are compulsory.
- 2) Illustrate your answers with suitable labelled diagram.

**Q.1** Explain in detail the concept and variation of light on different Environments. 20

OR

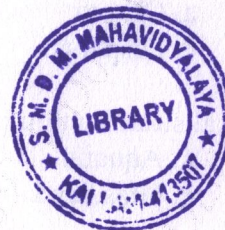
What is Parasitism? Describe in detail its types with Examples?

**Q.2** What is community Succession? Explain with example of succession and climax. 20

OR

Write short notes on any four of the following:-

1. Predation
2. Ecological niche
3. food in ebb
4. Energy flow
5. Salinity & moisture
6. Forest Ecosystem



**Q.3** Select & write correct answers from the given alternatives in each sub question. 10

- 1) The natural place of an organism On Community is known as \_
  - a. Niche
  - b. Biome
  - c. Habitat
  - d. Habit
- 2) Deforestations may reduce the Chances of \_\_\_\_\_
  - a. Frequent landslides
  - b. Erosion of soil
  - c. Rainfall
  - d. Frequent Cyclones
- 3) All are insitu conservation efforts except \_\_\_\_\_
  - a. National parks
  - b. Sanctuaries
  - c. Biosphere resumes
  - d. Zoo
- 4) Air, Water, Light, temperature and P<sup>H</sup> makes up the \_\_\_\_\_
  - a. Biotic Environment
  - b. Abiotic Environment
  - c. Ecosystem
  - d. Food chain

