

**Fourth Semester FYUGP Degree (Reg) Examination April
2026**

**KU4VACSAN102 - ECOLOGY AND CONCEPT OF
SUSTAINABLE DEVELOPMENT IN SANSKRIT**

2024 Admission onwards

Time : 1.5 hours

Maximum Marks : 50

Section A

Answer any 6 questions. Each carry 2 marks.

1. What message about nature can we learn from the works of Kalidasa?
2. What role does nature play in the poetry of Kalidasa?
3. How should the stem of a tree be prepared before planting?
4. Which trees are mentioned for plantation in the verses of Vrukshayurvedadhyaya?
5. How does development improve people's living conditions?
6. What does the Manusmriti say about killing animals?
7. How does traditional theatre support sustainable living?
8. What is Nepathya?

Section B

Answer any 4 questions. Each carry 6 marks.

9. How do the Vedas portray the importance of nature?
10. How are animals protected in Vedic thought?
11. Explain the concept of environmental harmony found in the Rigveda.
12. Why should we preserve traditional art forms?
13. Why is Kuthambalam considered eco-friendly?
14. What environmental problems may occur during festivals?

Section C

Answer any 1 questions. Each carry 14 marks.

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15. a) How does Kalidasa blend imagination with nature description.
b) Analyse the qualities of the Reghu dynasty introduced in the first canto of Reghuvamsa.
16. a) Explain the type of plant disease and their treatment explained in Bruhatsamhita.
b) Analyse the relevance of Vrkshayurveda principles in modern agriculture practices.