

27 JUN 2023

22. **DFRS:** _____

23. **NTFPs:** _____

24. **Bud pruning:** _____

25. **Pollarding:** _____

26. **Dendrochronology:** _____

27. **Forest calculations:** _____

28. **MAPs:** _____

29. **LiDAR:** _____

30. **Community:** _____

KATHMANDU UNIVERSITY
End Semester Examination
June/July, 2023

27 JUN 2023

Level : B.Sc.
Year : II
Time : 2 hrs. 30 mins.

Course : ENVS 203
Semester : II
F. M. : 55

SECTION "C"

(Long Answer Questions)

[3 Q. × 7 = 21 marks]

Attempt *ANY THREE* questions.

1. How does vegetation affect forest? Describe the types of forests of Nepal with reference to vegetation.
2. Write an explanatory note on the Forest management.
3. Describe the elements of sustainable forestry.
4. Point out the geospatial application in forestry.

SECTION "D"

5. Write short notes on *ANY FIVE*. [5Q × 4 = 20 marks]
 - a. Forest and livelihood
 - b. General rules of felling
 - c. Bio-briquette technology
 - d. Forest economics
 - e. Rotation period
 - f. Natural and artificial regeneration
6. Distinguish between: [3Q × 3 = 9 marks]
 - a. Religious forest and leasehold forest
 - b. Single tree selection and group tree selection
 - c. Symbiosis and parasitism
7. Describe the major agroforestry system in South Asia. [5 marks]