

GRADE XI
Environment Science

Model questions

विद्यार्थीले सकेसम्म आफ्नै शब्दमा उत्तर दिनुपर्नेछ । दायाँ किनारामा दिइएको अङ्कले पूर्णाङ्क जनाउँछ ।

Candidates are required to give their answers in their own words as far as practicable. The figures in the margin indicate full marks.

Time : 3 Hrs.

Full Marks: 75

Attempt ALL the questions.

Group 'A'

Give very short answers to the following questions. (11 × 1 = 11)

1. Identify any two environmental factors that affecting population growth in Nepal.
2. Write any two examples of K selected populations.
3. Mention any two mineral resources found in Nepal.
4. Define subtropical forest.
5. Which method of conservation would you suggest to conserve the species which are about to extinct in the wild?
6. Suggest any one way to minimize energy pressure in your locality.
7. Write any one importance of hunting reserve.
8. Define hazard.
9. Write anyone effect of soil erosion.
10. Mention the WHO standard of Arsenic in drinking water.
11. If the pH value of soil in a locality is below 7, which two species of vegetation are the farmers supposed to cultivate?

Group 'B'

Give short answer to the following questions (8 × 5 = 40)

12. Describe Earth as a closed system.
13. How do you explain positive, negative and neutral interaction between the species?
14. Explain the eco-centric and anthropocentric perspective of resource management with examples.
15. Write short notes on.
 - a. Rara National Park
 - b. Annapurna conservation area
16. Identify and explain the consequences of air pollution on human being and organisms.
17. Describe disaster risk management cycle.
18. Analyse how individualization and urbanization affect sustainable agriculture.
19. Enlist different chemicals found in the environment. Explain how the knowledge on such chemicals help to reduce industrial pollution?

Group 'C'

Give long answer to the following questions!

(3 × 8 = 24)

20. Explain and relate the structural and functional aspects of ecosystem with suitable examples. (4+4)
21. Describe environmental degradation. Analyze various causes of environmental degradation. (3+5)
22. There is a pond in your locality, if you need to analyze the water quality, what kind of instruments and parameters you prefer. Give logics.