

**GUJARAT NATIONAL LAW UNIVERSITY  
GANDHINAGAR**

Course: Environmental Science  
Semester-I (Batch: 2019-24)

End Semester Examination: October-2019

Date: 25<sup>th</sup> October, 2019

Duration: 2 hours

Max. Marks: 40

**Instructions:**

- Read the questions properly and write the answers in the given answer book.
- The respective marks for each question are indicated in-line.
- Do not write anything on the question paper.
- Indicate correct question numbers in front of the answers.
- No questions or clarifications can be sought during the exam period, answer as it is, giving reason, if any.

	<b>Marks</b>
Q.1 (a) Write one difference between treaty and custom. (b) Which are the two aspects whose balance determines the size of a population of any given species?	(1+1=02)
Q.2 Write any four difference between alpha and beta particles.	(02)
Q.3 Write any four methods to control the noise pollution so that the order issued by the Court to ensure that there is lesser noise pollution in the city is abided.	(02)
Q.4 A student studying at GNLU develops interest towards the rising environmental problems and plans to become a member of the Central Pollution Control Board in future, after studies and acquiring the required experience. Explain the constitution of the Board excluding the chairman and member-secretary so that the student can plan out the needful to achieve the goal.	(03)
Q.5 The Country "X" is worried about the nuclear weapons being developed by its neighbouring country. Prepare a report explaining the direct effects of a nuclear weapon so that the same can be placed before the Head of the Country for information.	(03)
Q.6 Explain the three steps involved in the sewage treatment so that the newly constituted municipal corporation can plan out the budget that will be required for undertaking the treatment.	(03)
Q.7 Enlist any six benefits of environmental audit so that it becomes convenient for you to convince your friend who has started a new factory to undertake the audit.	(03)
Q.8 Explain the Sulphur cycle with the help of a neat diagram.	(03)
Q.9 A visit is made by the B.Sc., I.L.L.B. (Hons.) programme students to the nearby school in the Koba Village to acquaint the students about the climate change. In order to explain, prepare a detailed note on observed climate variability.	(04)

- Q.10 A company has set up a new unit in a city and plans to highlight its contribution to the society by preparing a Social Impact Assessment Report. Explain the five types of social impacts that shall be covered in the report. (05)
- Q.11 The Country "Y" is planning to undertake appropriate measures against the natural hazards so as to ensure that there is lesser impact on its occurrence, if ever it is arising. In order to assist in the planning, explain the five major categories of natural hazards alongwith one example for each. (05)
- Q.12 The Country "Z" intends to become party of the RAMSAR Convention, however, before taking a final decision the country must have knowledge of the commitments that it will have to fulfil on joining the convention. Explain the five commitments that the country will have to fulfil on joining the convention, so as to enable take final decision. (05)

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