

Mid Semester Test: August-2016

Environmental Science

**GUJARAT NATIONAL LAW UNIVERSITY
GANDHINAGAR**

Course: Environmental Science
Semester-I (Batch: 2016-21)

Mid Semester Test: August-2016

Date: 11th August, 2016

Duration: 1 ½ hours

Max. Marks: 20

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. Cordially
- 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.

Part-A		Marks
Q.1	Name and explain the modes through which the heat energy is being transferred.	(02)
Q.2	Name and explain the spheres of atmosphere based on its temperature profile distribution.	(03)
Q.3	Explain the working of the Magneto Hydro-Dynamics (MHD) Generator with the help of neat diagram.	(03)
Part-B		
Q.4	Answer the following questions:	(1x2=02)
	(a) What is difference between endangered and extinct species? Give one example.	
	(b) What are the four categories of disasters? Give one example for each.	
Q.5	Answer the following questions:	(2x2=04)
	(a) <i>The richer the diversity of life, the greater the opportunity for medical discoveries, economic development, and adaptive responses to such new challenges as climate change</i> , what is your understanding for the statement.	
	(b) On the 11th March 2014, a magnitude nine Richter earthquakes hit the northeast coast of Japan and is followed tsunami caused massive and irremediable damage to the nuclear reactors of Fukushima Nuclear Power Plant. How will you measure the impact of earthquakes and tsunami? What bodies are responsible for accurate reporting of both of these disasters?	
Q.6	Explain the types of floods. Give four factors responsible for the same.	(03)
Q.7	Explain any three best suitable techniques according to current Indian scenario for off-site protection of biological diversity.	(03)

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