

JK LAKSHMIPAT UNIVERSITY, JAIPUR

INSTITUTE OF ENGINEERING AND TECHNOLOGY

End Term Examination November 2018

B. Tech (as applicable) in CSE Engineering, Semester(Backlog)

Roll No.....

COURSE CODE: ID 201;

Time: 3 hours

Max. Marks: 100

COURSE TITLE: Environmental Studies

Instructions to students:

1. Do not write anything other than your roll number on question paper.
 2. Assume suitable data wherever required and mention it clearly.
 3. Writing appropriate units, nomenclature, and drawing neat sketches/schematics/ flow chart wherever, required are an integral part of the answer.
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- Q.1A Objective type multiple choice questions (10 questions @ 1 mark) 10
- i. Photochemical reaction product formed in
a) Stratosphere b) Troposphere c) Ionosphere d) Thermosphere
 - ii. Integrated Solid waste management possible by
a) recycle b) reduce c) no effective method of waste disposal d) None
 - iii. Hot spot are regions of high
a) rarity b) endemism c) endangered species d) diversity
 - iv. Which of the following is an example of ex-situ conservation
a- Gene bank b-Sanctuary
c- Biosphere reserve d- All of these
 - v. Dancing disease is
a) Minimata b) related to water pollution c) acetaldehyde is main
pollutant d) All of the above
 - vi. Which of the following is an example of ex-situ conservation
a- Gene bank b-Sanctuary
c- Biosphere reserve d- All of these
 - vii. Bhopal tragedy associated with
a- MIC b- Nuclear accident
c- Air pollution d- Both a & c
 - viii. An biotic condition is
(a) soil (b) water (c) temperature (d) bacteria
 - ix. The process of nutrient enrichment is termed as
a- eutrophication b- itai -itai
c- schistosomiasis d- all of the above
 - x. The rate of depletion of natural resource is
a- Big threats to new generation of human livelihood
b- it is natural process does not affect the human life
c- both a & b
d- None

Q.2	Short answer type questions (4 questions @ 2.5 marks)	10
i	A) flow chart of sulphur cycle b) blue book	
ii	Write short note on Photochemical smog.	
iii	Note on (a) Hot Spot (b) Ex-Situ conservation method.	
iv	Write a note on different type of waste	
Q.3A	How can you, as an individual prevent environmental pollution? Why such an effort at individual level is important.	05
Q.3B	Write short note sustainable development and why it is important for present global scenario.	05
Q.4A	Explain the impact of industrial pollution waste on water resources.	05
Q.4B	Write short note on global warming and what will the impact on our country.	05
Q.5A	A) food chain B) Food web	05
Q.5B	Is an ozone layer depletion threat to living beings? Submit your points with chemistry.	05
Q.6A	What is ex-situ and in-situ conservation of biodiversity	05
Q.6B	Discuss the phosphorus cycle in environment and give its important in ecosystem	05
Q.7A	Pollution in India good or bad for Indian biodiversity .JUSTIFY?	05
Q.7B	Why is it necessary to create environmental awareness?	05
	OR	
Q.7B	A) Eutrophication B) Oxygen cycle	05
Q.8A	Human as a top species and we play very important role to maintained the ecosystem rather than other species and producer, how this statement is valid or non-valid justify in your words.	10
	OR	
Q.8B	What is red, green and blue book data in species conservation?	10
Q.9	Explain the cyclone separator and ESP method for air pollution in industry	10
Q.10A	Discuss the impact of municipal solid waste and E- waste on environment.	10
	OR	
Q.10B	Give critical note on reasons for scarcity of water in our country.	10