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Seat	No.:	: E	Enrollment No	
	BE -	GUJARAT TECHNOLOGICAL U - SEMESTER- 1 st / 2 nd EXAMINATION (NEW SYI		
Subject Code: 2110007 Subject Name: Environmental Studies Time:02:30 PM to 5:00 PM Instructions:			Date: 07/06/2016 Total Marks: 70	
Instr	1. 2.	Question No. 1 is compulsory. Attempt any four out of Make suitable assumptions wherever necessary.	remaining Six questions.	
Q.1	(a)	Objective Question Choose the most correct answer of the following multiple choice questions.		
	1.	Which one of the following is not a fossil fuel? (a)Natural Gas (b) Petrol (c) Coal (d) Uranium		
	2.	During photosynthesis ,autotrophs take in(a) Oxygen (b)Carbon dioxide (c)Nitrogen (d) Sulph	nur	
	3.	Rise in the sea level is due to(a)Ozone depletion (b)Smog (c)Global warming (d)Acid rain	
	4.	Increase in concentration of soluble salts in the soil is (a) Desertification (b) Soil erosion (c) Bioaccumular		

Which air pollutant reduces the oxygen carrying capacity of the blood by

(a) Mortality rate (b) Birth rate (c) Infant mortality rate (d) Total fertility rate

(b) Choose the most correct answer of the following multiple choice questions.

long term storage of carbon in the terrestrial biosphere is known as____

In an aquatic ecosystem phytoplankton can be considered as a _____ (a)Consumer (b)Producer (c)Saprotrophic organism (d) Marco consumer

The removal of carbon dioxide from the earth's atmosphere and the provision of

(a)Carbon sequestration (b)Carbon dating (c)Carbon fixing (d)Photosynthesis

The sum total of the populations of the same kind of the organisms constitute____

combining with hemoglobin forming carboxy hemoglobin?

(a) Gujarat state development management authority

(b) Gujarat state disaster management authority (c) Gujarat soil disaster management authority (d) Gujarat surface disaster management authority

(a) Colony (b) Genus (c) Species (d) Community

The deaths of infants per 1000 births are known as____

(a)SO₂ (b) CO (c) CO₂ (d) N₂O

GSDMA stands for_____

07

Differentiate between renewable and non renewable resources.

Explain the various causes and effects of thermal pollution.

(a) Explain the role of decomposers in the ecosystem.

Explain the environmental problems posed by population explosion.

(c) Explain the term land pollution. Discuss in detail the causes and effects of land

(c) Explain the various aims and objectives of The Water (Prevention & Control of

(c)

(a)

0.6

Q.7

the environment.

Pollution), Act 1974.

pollution.

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