

(48) Seat No.: \_\_\_\_\_

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SARDAR PATEL UNIVERSITY  
F.Y.BSc. Examination, 2016  
SEMESTER II (NC)  
ENVIRONMENTAL SCIENCE  
Subject code -US02EENV04

Date: 22/10/2016

Day: Saturday

Time: 2-00pm to 4-00pm.

Total Marks: 70

Note: \* All questions are to be attempted.

\*Figures to the right indicate marks.

Q. 1	Choose the correct answer from the given options{10x1}	10
	1) Which one of the following is not a natural disaster? a) Land-slide b) Stampedes c) Earthquake d) Floods	
	2) Hearing loss may result due to. a) Soil pollution b) Noise pollution c) Water pollution d) Air pollution	
	3) The full form of BOD is a) Biological Oxygen Deficiency b) Biological Oxygen Demand c) Biodegradable Oxygen Demand d) Botanical Oxygen Deficiency	
	4) -----in air leads to acid rain a) Sulphuric acid b) Nitric acid c) Both a & b d) Neon	
	5) _____ is green houses gas. a) Argon b) Oxygen c) Carbon dioxide d) None of these	
	6) Ozone is formed by the action of sunlight on: a) Oxygen b) Sulphur dioxide c) Nitrogen oxide d) Carbon dioxide	
	7) AIDS is caused by: a) <i>Plasmodium ovale</i> b) <i>Escherichia coli</i> c) <i>Mycobacterium tuberculosis</i> d) Human Immunodeficiency Virus	
	8) The study of human population is called a) Population density b) Over population c) Population explosion d) Demography.	
	9) How many national parks are there in Gujarat? a) 04 b) 20 c) 25 d) 21	
	10) The wild Ass sanctuary is located in a) Surendranagar b) Dang c) Mehsana d) Rajkot	

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(P.T.O.)

Q. 2	<p>Answer the following questions (Any ten):</p> <ol style="list-style-type: none"> <li>1) Define: Eutrophication.</li> <li>2) State sources of Noise.</li> <li>3) What are the effects of soil pollution?</li> <li>4) Mention the causes of Re- settlement and Re-habilitation.</li> <li>5) Define: Sustainable development.</li> <li>6) State the Environment Protection Act.</li> <li>7) What are the variable factors that affect population growth?</li> <li>8) Define: Death rate.</li> <li>9) Which are the diseases spread by food?</li> <li>10) What is the wild life conservation?</li> <li>11) Give the full forms of: IBWL, WWF.</li> <li>12) Define: National park.</li> </ol>	20
Q. 3	<p>Give an account of sources, effects and control measures of marine water pollution.</p> <p style="text-align: center;">OR</p> <p>Q. 3 Write notes on:</p> <ol style="list-style-type: none"> <li>a) Role of individual in prevention of pollution.</li> <li>b) Disaster management</li> </ol>	10  05 05
Q. 4	<p>What is acid rain? Discuss its causes and effects.</p> <p style="text-align: center;">OR</p> <p>Q. 4 What is Ozone layer depletion? Explain it in detail.</p>	10  10
Q. 5	<p>Write notes on:</p> <ol style="list-style-type: none"> <li>a) Water borne diseases.</li> <li>b) AIDS</li> </ol> <p style="text-align: center;">OR</p> <p>Q. 5 Write notes on:</p> <ol style="list-style-type: none"> <li>a) Women &amp; Child welfare in India.</li> <li>b) Environmental factors affecting human health</li> </ol>	05 05  05 05
Q. 6	<p>a) Write a note on : Project Tiger.</p> <p>b) Explain Wildlife protection Act.</p> <p style="text-align: center;">OR</p> <p>a) Write a note on: Project Elephant.</p> <p>b) Explain concept of wildlife conservation.</p>	05 05  05 05

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