

	<b>Sanjay Ghodawat University, Kolhapur</b> Established as State Private University under Govt. of Maharashtra. Act No XL, 2017	2018-19
<b>Year and Program</b> - FY B.SC.	<b>School of SCIENCE</b>	<b>Department</b> <b>SCIENCE</b>
<b>Course Code - AES102</b>	<b>Course Title</b> - Environmental Studies	<b>Semester – Even (II)</b>
<b>Day and Date</b> <i>Monday</i> <i>27-05-2019</i>	<b>End Semester Examination</b>	<b>Time: 3 hrs, Max Marks: 100</b> <i>10:30am to 1:30 pm</i>

**Instructions:** 1) All Questions are compulsory.

		Marks	Level	COs
Q.1		20		
a)	Write True or False (any five)	10		
	1 The pH of rainwater is acidic	2	L1	CO1
	2 There are three levels of biodiversity	2	L2	CO3
	3 Forest is renewable energy source	2	L1	CO2
	4 Conventional energy sources means renewable energy source	2	L2	CO2
	5 Zoo is the example of in-situ conservation method	2	L1	CO3
	6 River is example of aquatic ecosystem	2	L1	CO3
b)	Answer the following in short (any five)	10		
	1 Write 4 types of pollution	2	L1	CO4
	2 Definition of solid waste	2	L2	CO4
	3 Write 4 names of natural disasters	2	L1	CO1
	4 Write 4 impacts of Air Pollution on human health	2	L1	CO4
	5 Write 4 reasons of climate change	2	L1	CO1
	6 Write 4 names of Environmental related laws	2	L1	CO1
Q.2	Answer the following (any two)	20		
a)	Describe the concept of ecosystem and its types with suitable examples	10	L2	CO3
b)	Explain the term "Sustainability" and describe 17 Sustainable Development Goals with proper examples	10	L4	CO1
c)	Write the Scope and importance of environmental studies	10	L3	CO1

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Q.3	Answer the following (any two)	20		
a)	Describe Natural resources and divide them into renewable and non-renewable with suitable examples	10	L3	CO2
b)	Define the term biodiversity with three levels of biodiversity	10	L2	CO3
c)	Explain Biodiversity conservation methods with suitable examples	10	L4	CO1
Q.4	Answer the following (any two)	20		
a)	Write a note on Climate Change, Global Warming, Ozone Depletion and Acid Rain	10	L2	CO1
b)	What is Solid Waste? Describe the methods of solid waste management	10	L3	CO4
c)	Define pollution with its types, causes, effects and control measures	10	L4	CO4
Q.5	Answer the following (any two)	20		
a)	Explain Disaster management with one case study	10	L5	CO1
b)	Why there is need of public awareness about environment? Explain with case study	10	L3	CO1
c)	Write a note on public movements for environment (ex. Bishnois, Chipko, Silent Valley)	10	L3	CO1

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