



Sanjay Ghodawat University, Kolhapur

Established as State Private University under Govt. of Maharashtra. Act No XL, 2017

2019-20

Year and Program:

Course Code: AES102

Day and Date: Wednesday
15/11/20

2019-20

Environmental Studies

End Semester Examination

F.Y. BSc. School of Science

Semester II

Time: 3 hrs, Max Marks:100
10.30 to 1.30 pm.

Q.1	Answer the following	Marks (20)	Blooms L1	All CO
a)	Select the correct answer			
	Forest prevents soil erosion by binding soil particles in their			
1)	a)Stems b)Leaves	02		CO2
	c)Roots d)Buds			
	Deforestation rate is alarming in			
2)	a) Temperate countries b)Tropical countries	02		CO3
	c)Polar region d)None of the above			
	Blue baby syndrome (methaemoglobinemia) is caused by the contamination of water due to..			
3)	a) Phosphates b)Arsenic	02		CO2
	c)Sulfur d)Nitrates			
	Which of the following is responsible for desertification			
4)	a) Deforestation b)Over grazing	02		CO3
	c) Mining d) All Of These			
	Which of the following have more penetration power			
5)	a)Alpha particle b)Beta particle	02		CO4
	c)Gamma rays d)None of these			
	Bhopal Gas Tragedy is occurred due to leakage of			
6)	a)MIC b)DDT	02		CO4&5
	c) SO2 d) Dioxins			
b)	Answer the following questions			
1.	What is biodiversity?	02	L1	CO3
2.	What is environmental pollution?	02	L1	CO4
3.	What is sustainable development?	02	L1	CO6
4.	Give one example of simple food chain.	02	L1	CO2
Q.2	Answer the following questions	Marks (20)		CO
a)	Define an ecosystem and explain basic structures of ecosystem.	12	L1,2	CO1
b)	Explain an Environmental study is a multi-disciplinary in nature?	8	L2,4	CO2
	OR			
b)	Enlist types of Ecological pyramids and explain any one with diagram.	8	L1	CO2

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P.T.O

Q.3	Answer the following questions	Marks (20)		CO
a)	Enlist major types of natural resources. What are the sources of water and effects of excess usage of groundwater?	12	L1	CO2
b)	Define hotspots of biodiversity? What is endemic species & enlist major endemic species of India?	8	L1	CO3
OR				
b)	Explain <i>in situ</i> and <i>ex situ</i> conservation of biodiversity.	8	L2	CO3
Q.4	Answer the following questions	Marks (20)		CO
a)	What is air pollution? Write classification of air pollutants and explain types of air pollution.	12	L1,6	CO4
b)	What is noise? Write sources of noise pollution and how to control noise pollution.	8	L1,6	CO4
OR				
b)	What are the effects of ozone layer depletion?	8	L1	CO5
Q.5	Answer the following questions	Marks (20)		CO
a)	Explain methods to propagate Environmental awareness.	12	L2	CO5
b)	Write in details about Chipko Movement.	8	L6	CO6
OR				
b)	What are landslides? Discuss factors causing landslides.	8	L2,6	CO5