

Model Question Paper (CBCS Scheme)

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Fourth Semester B.E. Degree Examination

Subject Title: Conservation of Natural Resources

TIME: 03Hours

Max.Marks:100

Note: 01. Answer any **FIVE** full questions, choosing atleast **ONE** question from each **MODULE**.

Module-1			*Bloom's Taxonomy Level	Marks
Q.01	a	Explain about different types of natural resources with suitable examples.	L2, CO1	7
	b	List the different types of land form? Explain in brief.	L2, CO1	7
	c	Discuss the ecological and economic importance of soil as a natural resource.	L2, CO1	6
OR				
Q.02	a	Describe the impact of soil degradation on food security.	L2, CO1	7
	b	Write a short note on Soil health.	L2, CO1	6
	c	List and explain the principles for sustainable land use planning	L2, CO1	7
Module2				
Q.03	a	Discuss briefly about water deficit and water surplus basins of India.	L2, CO2	7
	b	Illustrate on conjunctive use of ground water.	L2, CO2	7
	c	Explain briefly about inter basin water transfers.	L2, CO2	6
OR				
Q.04	a	Illustrate on global water resource.	L2, CO2	6
	b	Describe briefly about water resource system planning	L2, CO2	6
	c	Explain briefly about the water usage means in agriculture sector.	L2, CO2	8
Module-3				
Q.05	a	Explain the effect of air pollution on human health.	L2, CO3	6
	b	List and explain the national ambient air quality standards.	L2, CO3	6
	c	Discuss on air quality index and its levels for health concerns.	L2, CO3	8
OR				

Q.06	a	What is ozone depletion and its impact on human health.	L2, CO3	7
	b	Explain briefly about rock forming minerals such as quartz, mica, Feldspar and amphibole.	L2, CO3	7
	c	Explain briefly about weathering due to physical and biogeochemical processes.	L2, CO3	6
Module-4				
Q.07	a	Explain the importance of bio-diversity.	L2, CO4	6
	b	Discuss about ecological restoration for conservation of bio-diversity.	L2, CO4	6
	c	Figure out the various natural and anthropogenic agents which causes disturbance on climate.	L2, CO4	8
OR				
Q.08	a	List and explain the various wild life sanctuaries in India.	L2, CO4	8
	b	Illustrate the various drugs derived from biodiversity plants.	L2, CO4	6
	c	Describe the zoological garden with respect to biodiversity.	L2, CO4	6
Module-5				
Q.09	a	Develop a flowchart of hydropower plant EIA environmental clearance under EIA notifications.	L2, CO5	8
	b	Discuss briefly about global climate change-indicators.	L2, CO5	6
	c	Describe the zoological garden with respect to biodiversity.	L2, CO5	6
OR				
Q.10	a	List and explain the various health impacts due to global warming.	L2, CO5	7
	b	List and explain the projects needing environmental clearance under EIA	L2, CO5	7
	c	Explain the importance of EIA in implementing projects like thermal power plants	L2, CO5	6