

Instructions: All Questions in **section -I** carry equal marks.

Attempt any **Three** questions in **Section -I**

Questions in **Section-II** is **COMPULSORY**

Section -I

Q-I	A What are the mitigation strategies for water conservation?	7
	B What are the changes in water resources on other sectors?	7

Q-II	A Write a short note on Water Cycle and water demand	7
	B Give a brief account on sustainable infrastructure in terms of water sector	7

Q-III	A Climate change Impact on Agriculture with case example	7
	B Write a short note on livestock and climate change	7

Q-IV	A Climate change adaptation technology in agriculture sector	7
	B Climate change impact on fishery sector	7

Q-V	A Describe Forest dispersion and shifting	7
	B write a short note on Forest regulation	7

Q-VI	A Short note on types of Forest fir	7
	B Describe climate change impact on transportation sector	7

Q-VII	A What are power and heat plants and discuss climate change impact on them	7
	B Explain renewable energy with any case study	7

Q-VIII	A How can we use forest biomass for fuel production	7
	B role of stack holder in Energy Sector an climate change	7

Section II

Q IX	<ol style="list-style-type: none"> 1. What is IWRM? 2. Saltwater intrusion into fresh ground water, reduces the 3. Write any 2-forest act in India 4. Define ecophysiology 5. Global position of Indian Fisheries 6. Define food security 7. Biofuel 8. IPCC and UNFCCC 	8
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