## **GUJARAT TECHNOLOGICAL UNIVERSITY** BE - SEMESTER-V • EXAMINATION – SUMMER • 2015

	•	Code: 151304Date: 07/05/20Name: Environmental Resources	Date: 07/05/2015	
Tir	•	2.30pm-05.00pm Total Marks: ns: Attempt all questions.	70	
Q.1	(a) (b)	Define natural resource. Also classify and explain natural resources in detail Enlist and explain merits and demerits of pesticides for protection of crop and food.	07 07	
Q.2	(a) (b)	Explain the need for Biodiversity Conservation. Also enlist and explain the merits and demerits of In-situ conservation Classify the forest and briefly explain the each type of forest	07 07	
	<b>(b</b> )	<b>OR</b> Differentiate between 'Reuse' and 'Recycle' of water with examples.	07	
Q.3	(a) (b)	Write a short note on 'Water management and sustainable water use in India'. Enlist the unique characteristics of water and explain any three with examples. <b>OR</b>	07 07	
Q.3	(a) (b)	Write a note on "Environmental consequences of rapid population growth" Define renewable and nonrenewable energy resources and give detail classification of both resources.	07 07	
Q.4	(a) (b)	Briefly explain the merits and demerits of solar energy. Justify the statement "Sun as main energy source" OR	07 07	
Q.4	(a)	Highlight role of CO2 in global warming and enlist other important green house gases.	07	
•	(b)	What is Hydropower energy? Write its advantages and disadvantages	07	
Q.5	(a) (b)	Define natural resource. Also classify and explain natural resources in detail Enlist different methods of Population Forecasting and explain any one in detail <b>OR</b>	07 07	
Q.5	<b>(a)</b>	Explain why Ozone layer is considered as protective layer. Also explain the ozone	07	
	<b>(b)</b>	hole in terms of ozone concentration and its effects on earth. Define Deforestation and briefly explain problems created by deforestation	07	

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