<b>Enrollment No:</b>	Exam Seat No:
Entonment 100	E244111 Seat 1101

## C. U. SHAH UNIVERSITY

## **Summer Examination -2020**

**Subject Name: Environmental Science** 

Subject Code: 4SC01EVS1 Branch: B.Sc. (All, Microbiology)

Semester: 1 Date: 26/02/2020 Time: 02:30 To 05:30 Marks: 70

## **Instructions:**

- (1) Use of Programmable calculator & any other electronic instrument is prohibited.
- (2) Instructions written on main answer book are strictly to be obeyed.
- (3) Draw neat diagrams and figures (if necessary) at right places.
- (4) Assume suitable data if needed.

Q-1		Attempt the following questions:	(14)
	a)	What are three environmental issues?	(1)
	<b>b</b> )	What is Statistics?	(1)
	<b>c</b> )	What is the aim of Environmental Education?	(1)
	<b>d</b> )	Define: Hotspot.	(1)
	<b>e</b> )	Who wrote the first report on the 'State of India's Environment' in 1982?	(1)
	<b>f</b> )	Enlist the causes of Noise pollution.	(1)
	g)	What is nitrogen fixation?	(1)
	<b>h</b> )	Define: Thermal Pollution.	(1)
	i)	What is importance of ecology?	(1)
	<b>j</b> )	Why the carbon cycle is important?	(1)
	<b>k</b> )	Define: Food Web.	(1)
	1)	What is ecological succession?	(1)
	m)	Write shortly what is role of Medha Patkar in Environmental protection.	(1)
	n)	Define: Biomes.	(1)
Attem	pt any	four questions from Q-2 to Q-8	` '
Q-2		Attempt all questions	(14)
	a)	Write down the Nitrogen Cycle briefly.	(7)
	<b>b</b> )	What is pollution? Enlist the type of pollution. Write down in detail:	(7)
	~)	Marine pollution.	(-)
Q-3		Attempt all questions	(14)
	<b>a</b> )	What is Abiotic factor? Explain Abiotic factors in detail.	<b>(7)</b>
	<b>b</b> )	Write a brief note on Food Chain.	<b>(7)</b>
Q-4		Attempt all questions	(14)
_	a)	What is non renewable energy? Write a detail note on non renewable	(7)
	/	<b>5</b> ,	( )



		energy.	
	<b>b</b> )	Write down the in detail about concept of Ecological Pyramids with example.	(7)
Q-5		Attempt all questions	(14
	a)	Write a detail note on contribution of any 4 Indians regarding Environmental protection.	<b>(7</b> )
	<b>b</b> )	Write a detail note on scope and importance of Environmental science.	<b>(7</b> )
Q-6		Attempt all questions	(14
	a)	Explain the conservation of Environment.	(14 (14
Q-7		Attempt all questions	(14
•	a)	Write down in detail: Soil Pollution.	(7)
	<b>b</b> )	Write down the Sulphur Cycle briefly.	(7)
Q-8		Attempt all questions	(14
_	a)	Write a difference between Non renewable source & renewable source.	(7)
	<b>b</b> )	Write a detail note on the levels and types of biodiversity	(7)

