

Enrollment No: \_\_\_\_\_

Exam Seat No: \_\_\_\_\_

# C. U. SHAH UNIVERSITY

## Winter Examination-2020

**Subject Name: Environmental Science**

**Subject Code: 4SC01EVS1**

**Branch: B.Sc. (All, Microbiology)**

**Semester: 1**

**Date: 09/03/2021**

**Time: 11:00 To 02:00**

**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.
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<b>Q-1</b>	<b>Attempt the following questions:</b>	<b>(14)</b>
a	Define Environmental Science.	1
b	Enlist the layers of Biosphere.	1
c	What is Population?	1
d	Give the examples of Non Renewable sources.	1
e	Write down the role of Slim Ali.	1
f	Why Environmental Science is multidisciplinary approach?	1
g	Define – Noise.	1
h	What are the causes of Soil Pollution?	1
i	Petroleum is Renewable Source T/F.	1
j	What is the importance of food web?	1
k	Give the examples of Decomposers.	1
l	What are Consumers?	1
m	Give the Example of Hot spot.	1
n	What is Ecology?	1

**Attempt any four questions from Q-2 to Q-8**

<b>Q-2</b>	<b>Attempt all questions</b>	<b>(14)</b>
a	Write down a detail note on Nitrogen cycle. (with diagram)	(7)
b	Write a detail note on Renewable Sources.	(7)
<b>Q-3</b>	<b>Attempt all questions</b>	<b>(14)</b>
a	What is the need of public awareness? & write down the ways of public awareness in detail.	(7)
b	Write a note on Primary Ecological Succession.	(4)
c	Write a short note on Scope and Importance of Environmental Science.	(3)



- Q-4      Attempt all questions      (14)**
- a      Write a note on biotic components of Ecosystem.      (7)
  - b      Write a detail note on contribution of any 4 Indians regarding Environmental protection.      (4)
  - c      Write a short note on Hotspot.      (3)
- Q-5**
- Write a detail note on types, causes, prevention of Pollution.      (14)
- Q-6      Attempt all questions      (14)**
- a      Write a down detail note on Carbon Cycle.      (7)
  - b      What is biodiversity? Write a detail note on levels and types & importance of biodiversity.      (7)
- Q-7      Attempt all questions      (14)**
- a      Write down the difference between Renewable and Non Renewable Source.(8 Points)      (7)
  - b      Write a detail note on food chain.      (7)
- Q-8**
- Briefly describe the Conservation of life support systems-soil, water, air, wildlife, forests.      (14)

