

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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Q-1	Attempt the following questions:	(14)
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

Q-2	Attempt all questions	(14)
a	Write down a detail note on Nitrogen cycle. (with diagram)	(7)
b	Write a detail note on Renewable Sources.	(7)
Q-3	Attempt all questions	(14)
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)

