



SARDAR PATEL UNIVERSITY
B.Sc. EXAMINATION SEMESTER : I CODE : US01SENV21
SUBJECT : ENVIRONMENTAL STUDIES(NC)

Date: 01/02/2021 Monday Time : 2.00 to 4.00 Total marks : 35

Q. 1 Multiple choice questions.

05

1. The "World environment day" is celebrated on :
(a) 15th June (b) 5th June (c) 5th January (d) 15th February
2. Oxygen present in atmosphere is.....%.
(a) 78.09 (b) 71.50 (c) 20.95 (d) 97.50
3. Forest is anatural resources.
(a) Abiotic (b) Biotic (c) Potential (d) None biotic
4. Removal of surface soil due to rain is known as.....
(a) Soil conversion (b) Soil erosion (c) Soil renovation (d) Soil formation
5. Relation between sea anemone & crab is known as.....
(a) Antibiosis (b) Commensalism (c) Competition (d) Predation

Q. 2 Fill in the Blanks/ True or False .

04

1. is the building block of all organic substances.
2. In Ecosystem bacteria are abiotic component.
3. Sardar Sarovar dam is situated onriver.
4. In Ecosystem bacteria are abiotic component.

Q. 3 Answer in short (Attempt any five).

10

1. Define : Environmental studies.
2. What is Biosphere?
3. What do you mean by food chain?
4. Write the characteristic of ecosystem.
5. Define the term renewable and non renewable natural resource.
6. What is infiltration gallery?
7. What is Antibiosis?
8. Give two examples of insectivorous plants.

Q. 4 Long Answer Questions (Attempt any four).

16

- (1) Discuss : Carbon cycle.
- (2) Discuss : Lithosphere.
- (3) Discuss : Forest ecosystem.
- (4) Describe energy flow in ecosystem.
- (5) Write the problem due to over exploitation of water resources.
- (6) Write note on Solar energy.
- (7) Write a short note on parasitism.
- (8) Write a short note on Compulsory Mutualism.