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SEAT No. _____

No. of Printed Pages : 2

SARDAR PATEL UNIVERSITY
FIRST YEAR B.C.A(FIRST SEMESTER) EXAMINATION
2018
THURSDAY, 25th OCTOBER
10.00AM TO 12:00 PM
USO1SBCA21 (ENVIRONMENTAL STUDIES)

Marks: 35

Q.1 **Multiple Choice Questions (one mark each)** 05

1. Hydrosphere denotes _____.
 (a)Water (b) Plants (c)Rocks (d)Organisms
2. Solid Earth Crust is known as _____.
 (a)Stratosphere(b)Hydrosphere (c)Lithosphere (d) Atmosphere
3. Decomposers are also known as _____.
 (a)Producers (b)Detrivores (c)Herbivores (d) Carnivores
4. _____ is a renewable natural resource.
 (a)Coal (b)Oil (c)Water (d)Petrol
5. _____ is a positive interaction .
 (a)Predation (b)Mutualism (c)Parasitism (d)none of the above

Q.2 **Answer any five** 10

1. What are the constituents of Atmosphere?
2. Define Environmental Science.
3. Define Ecosystem.
4. What is Food Web?
5. What are the various sources of water?
6. What do you mean by Soil Erosion?
7. What is Antibiosis?
8. What is Symbiosis? Give an example.

(1)

(PTO)

Q.3. Discuss the Carbon Cycle in detail. 10

OR

Q.3. Write about (a) Energy flow in an Ecosystem 05

(b) Biotic component of Ecosystem 05

Q.4.(a) Write about the major causes of Deforestation. 05

(b) Explain about Conservation of Natural Resources. 05

OR

Q.4. Write Short Notes:

(a) Endocommensalism 05

(b) Parasitism 05

—X—

(2)