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**SARDAR PATEL UNIVERSITY**  
**BCA (1<sup>st</sup> Semester) Examination**  
 Friday, 15<sup>th</sup> November 2019  
**Time: 02:00 PM To 04:00 PM**  
**Environmental Science (US01SBCA21)**

Total Marks: 35

**Q.1 Multiple choice Questions. (05)**

1. A zone consisting of land, water and air which support life on Earth is \_\_\_\_\_.  
 A. Biosphere  
 B. Hydrosphere  
 C. Atmosphere  
 D. lithosphere
2. 5<sup>th</sup> June is celebrated as \_\_\_\_\_.  
 A. World Health Day  
 B. World Environment Day  
 C. Word Population Day  
 D. World Wildlife Day
3. Which one of these is a biotic component?  
 A. Water  
 B. Air  
 C. Land  
 D. Consumer
4. Which of the following series is true about energy flow cycle?  
 A. Producer → Decomposer → Consumer  
 B. Decomposer → Consumer → Producer  
 C. Producer → Consumer → Decomposer  
 D. Decomposer → Producer → Consumer
5. \_\_\_\_\_ is a positive interaction.  
 A. Predation  
 B. Parasitism  
 C. Mutualism  
 D. All of the above

**Q-2 Write a short Question.(Any Five) (10)**

1. Define the term "Environment".
2. What is Biosphere?
3. Mention the characteristics of Desert Ecosystem.
4. Define Ecosystem.
5. Explain the term Renewable and Non-renewable resources.
6. Write about different Water Resources.
7. What is Symbiosis?

(P.T.O)

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- Q.3 (A) Explain the components of Environment by drawing sketch. (05)  
(B) Write a note on Food chain, Food web. (05)

OR

- Q.3 (A) Explain Energy cycle in detail. (05)  
(B) Write a short note on Sustainable Development.

- Q.4 (A) Write the note on Forest Resources. (05)  
(B) What is Parasitism? Explain with suitable example. (05)

OR

- Q.4 (A) Discuss in detail the classification of Natural resources. (05)  
(B) Write a note on Endocommensalism. (05)

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