

**KADI SARVA VISHWAVIDYALAYA**  
**LDRP INSTITUTE OF TECHNOLOGY & RESEARCH, GANDHINAGAR.**  
**B.E. 2<sup>nd</sup> Semester**

**MID SEMESTER EXAMINATION MARCH-2014**

Date/Day : 7/03/2014, Friday

Branch : EE/ME/IT/AUTO

Subject Name: Environmental Studies

Max. Marks : 30

Time : 12:00 PM to 1:30 PM

**Instructions:** 1) All questions are compulsory and Figures to the right indicate full marks.

2) Indicate clearly, the options you attempt along with its respective question number.

- Q.1** (A) Fill in the blanks: 5
1. Ozone is treated as pollutants in .....(Troposphere, Mesosphere, Stratosphere)
  2. Network of various food chain is called by .....
  3. Energy flow is ..... (Cyclic, Non-cyclic )
  4. Trees are ..... (Autotrophs, Hetotrophs)
  5. Current world population is .....
- (B) Explain Impact of technology on environment. 5
- Q.2** (A) Write a short note on: Structure of atmosphere. 5
- (B) Explain Food chain in detail. 5
- OR
- (A) Explain Structure of Ecosystem. 5
- (B) Explain Ecological Pyramid with neat sketch. 5
- Q.3** (A) Define overpopulation. Explain Causes and Effects of Overpopulation. 5
- (B) Explain Development of habitation patterns and environmental factors govern human settlement. 5
- OR
- (B) ,Explain Population Clock. 5

\*\*\*\*\*BEST OF LUCK\*\*\*\*\*

**KADI SARVA VISHWAVIDYALAYA**  
**LDRP INSTITUTE OF TECHNOLOGY & RESEARCH, GANDHINAGAR.**  
**B.E. 1<sup>st</sup> Semester**

**MID SEMESTER EXAMINATION OCTOBER-2014**

**Date/Day : 9/10/2014, Thursday**

**Branch : CIVIL/CE/EC**

**Subject Name: Environmental Studies**

**Max. Marks : 30**

**Time : 2:00 PM to 3:30 PM**

**Instructions:** 1) All questions are compulsory and Figures to the right indicate full marks.

2) Indicate clearly, the options you attempt along with its respective question number.

- Q.1** (A) Define following terms: 5  
(1) Environment (2) Ecology (3) Biosphere (4) Ecosystem (5) Population
- (B) Write a brief note on Man and Environment relationship. 5
- Q.2** (A) Explain in Detail Concept of energy flow. 5  
(B) Write a short note on: Symbiotic Relationships. 5
- OR
- (A) Explain Hydrological cycle. 5  
(B) Explain Uses of Water. 5
- Q.3** (A) What are the Natural Resources? Write Short Note on Destruction Versus Conservation of Resources. 5  
(B) Explain Causes & Effects of Overpopulation. 5
- OR
- (B) Explain the major environmental problems faced by the world today. 5

\*\*\*\*\*BEST OF LUCK\*\*\*\*\*