

**M. ARCH. SEM-I (SUSTAINABLE ARCHITECTURE)  
(2014 COURSE) (CBCS) : WINTER - 2017**

**SUBJECT : ENVIRONMENTAL POLICIES, LAWS AND IMPACT ASSESSMENT**

**10.00 A.M. TO 12.00**

Day : **Monday**  
Date : **04/12/2017**

**W-2017-3258**

Time : **NOON**  
Max. Marks : **60**

---

**N. B. :**

- 1) Solve any **THREE** questions from each section.
  - 2) Figures to the **RIGHT** indicate full marks.
  - 3) Answers to both the sections should be written in the **SEPARATE** answer books.
- 

**SECTION - I**

- Q. 1** Define the following terms: (10)
- a) Global warming
  - b) Keystone species
  - c) Biodiversity
  - d) Sustainable Development
  - e) Ecosystem
- Q. 2** Write short note on the following: (10)
- a) Threats to biodiversity
  - b) Grassland Ecosystem
- Q. 3** Describe the following with suitable explanation: (10)
- a) Causes of Ozone depletion
  - b) Exotic species
- Q. 4** Explain the Kyoto mechanism in detail. (10)
- Q. 5** Explain the concept of ecological niche. Compare the two types of ecological niche in detail. (10)

**SECTION - II**

- Q. 6** Define the following terms: (10)
- a) Compositing
  - b) EIA
  - c) LCA
  - d) Hazardous waste
  - e) Pollution
- Q. 7** Write short note on the following: (10)
- a) Elements of EMS.
  - b) Sanitary landfill
- Q. 8** Describe the following with suitable explanation: (10)
- a) Water pollution
  - b) Benefits of EIA
- Q. 9** Explain the process of obtaining environmental clearance for site development. (10)
- Q.10** Explain the EMS model and give its benefits. (10)

\* \* \* \* \*