

**M. ARCH. SEM-I (SUSTAINABLE ARCHITECTURE) (2014  
COURSE) (CBCS) : SUMMER - 2018**  
**SUBJECT: ENVIRONMENTAL POLICIES, LAWS AND IMPACT ASSESSMENT**

Day: **Thursday**  
Date: **03/05/2018**

Time: **02.00 PM To 04.00 PM**  
Max Marks. 60

**S-2018-3328**

**N.B.**

- 1) Solve any **THREE** questions from each section.
- 2) Answers to two sections should be written in **SEPARATE** answer books.
- 3) All questions carry **10** marks.

**SECTION - I**

- Q.1** Define / describe following terms. **(10)**
- a) Keystone species
  - b) Ozone hole
  - c) Ecological pyramid
  - d) Aquatic ecosystem
  - e) GWP
- Q.2** Write short notes on the following **(10)**
- a) Principles of sustainable development
  - b) Carbon cycle
- Q.3** Explain the concept of carbon sequestration in detail. **(10)**
- Q.4** Discuss the threats to biodiversity. Explain measures for conservation of biodiversity. **(10)**
- Q.5** Explain Kyoto mechanisms in detail. **(10)**

**SECTION - II**

- Q.6** Define / describe following terms. **(10)**
- a) Leachate
  - b) Acid rain
  - c) Water act
  - d) Environmental impact assessment
  - e) Environmental management system
- Q.7** Write short notes on the following **(10)**
- a) Matrix / Leopold method
  - b) Environmental protection act
- Q.8** What are the principles of National Environmental Policy? **(10)**
- Q.9** Write the process and importance of screening, scoping and base line data in environmental clearance process. **(10)**
- Q.10** Explain the components of ISO 14000. **(10)**

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