

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**ME - SEMESTER IV (NEW) – EXAMINATION – SUMMER - 2017**

**Subject Code: 2741701****Date: 03/05/2017****Subject Name: Environmental Legislations & Management****Time: 02:30PM-05:00 PM****Total Marks: 70****Instructions:**

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

- Q.1** (a) “Environmental Protection Act is considered as an Umbrella Act”. Justify the statement. **07**
- (b) Write a short note on “Importance of Environment Legislation in India”. **07**
- Q.2** (a) List out the Waste Management Rules which have been revised in the year 2016 and give the salient features of Solid Waste Management Rules, 2016. **07**
- (b) What is the function of State Board as per Air (Prevent & Control of Pollution) Act, 1981? **07**
- OR
- (b) What are the functions of Central Board as per Water (Prevent & Control of Pollution) Act, 1974? **07**
- Q.3** (a) What are the difficulties encountered in enforcing the environmental legislation. **07**
- (b) What is CDM? What are the benefits of CDM projects? **07**
- OR
- Q.3** (a) Explain the role of UNFCCC for Climate Change. **07**
- (b) Explain CDM Project Development Cycle. **07**
- Q.4** (a) Differentiate between Environmental Audit and Financial Audit. Discuss the basics of Environmental Audit Process. **07**
- (b) Describe the procedure of collecting sample under Water Act 1974. **07**
- OR
- Q.4** (a) Write a short note on ISO 14000 Environmental Management Systems. **07**
- (b) Explain the Duty of citizens of Indian Panel Code of Environment Protection. **07**
- Q.5** (a) Explain three primary rating systems for Green buildings in India **07**
- (b) Write a short note on “Principles of Green Building”. **07**
- OR
- Q.5** (a) Explain Eco-friendly building materials used in construction of Green Buildings? **07**
- (b) Explain Green Building Concept in detail. **07**

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