

JAMNALAL BAJAJ INSTITUTE OF MANAGEMENT STUDIES
 UNIVERSITY OF MUMBAI
 MHRDM/MMM/MFM/MIM
 THIRD YEAR SECOND SEMESTER EXAMINATION – 2014
 MANAGEMENT OF ENVIRONMENT & PRODUCTIVITY TECHNIQUES

Date: April , 2014

Time: 11.00 pm to 2.00 pm

SECTION -1

Note: Question No. 1 is compulsory and it carries 20 marks. Answer any two Questions out of the rest. All other questions carry 15 marks each.

- Q.1 Explain with the help of a flow chart, the procedure specified in the 'Notification No. SO 1533(E) dated 14th September 2006 of the Ministry of Environment and Forests, for obtaining prior Environmental Clearance for a 'Category A' project. Briefly explain any one change you suggest to improve the procedure. Also, briefly explain what is environmental impact assessment and its benefits.
- Q.2 What do you understand by 'Environmental Audit' and 'Environmental Management System'. Why are they being used increasingly as environmental management tools? Briefly explain with examples 'Environmental Labels and Declarations'.
- Q.3 Write an Essay on "The Kyoto Protocol" and the Clean Development Mechanism (CDM) defined in Article 12 of the Protocol. Discuss briefly the steps involved in the CDM process.
- Q.4 Discuss the salient features of the Forest Conservation Act and the Wildlife Protection Act of India.
- Q5. You are President – Operations of an FMCG company. Your responsibility extends to three manufacturing plants in an industrial estate located in one of the States in Western India. The operations in the plants involve use of water for various purposes like cooling tower make up, boiler feed, domestic and processing wherein wastewater is biodegradable. Hazardous waste like used oil and effluent treatment plant sludge from primary treatment are generated. Both domestic and industrial effluents are generated in substantial quantities. The plants have LDO (Light Diesel Oil) fired boilers and 30 meter stacks are provided for each of the boilers. Each plant has a diesel generating set of 800 KVA with acoustic enclosure and stack. At each plant, the diesel storage for the DG set is a tank with 10000 litres capacity which is intended to be fully utilized.
- Q.6 Enlist the licences / permits / consents / returns required to be obtained / furnished by the company along with the Act/Rule/Notification under which they are required.
- Q.7 Briefly discuss the factors that are believed to have led to the Bhopal Gas Tragedy. Also discuss either, the lessons has India learned from the Tragedy OR discuss salient features of the MSIHC Rules.
- Q.8 'India should follow the Nuclear Energy route in its quest for energy security'. Discuss any three reasons (each) for and against the foregoing statement.