

PARUL UNIVERSITY
FACULTY OF APPLIED SCIENCE
M.Sc. Winter 2023-24 Examination

Semester: 3

Subject Code: 11211214

Subject Name: Environmental Management System and Audit

Date: 09-12-2023

Time: 10:30am to 1:00pm

Total Marks: 60

Instructions:

1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.
4. Start new question on new page.

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|------------|---|-------------|-----------|-----------|-------------------------|
| Q.1 | Essay type (Attempt any two) | (20) | CO | PO | Bloom's Taxonomy |
| | 1. What is EMS? Explain components of EMS and its importance? | (10) | CO2 | PO3 | Understanding |
| | 2. Write a note on types of Environmental Audit. | (10) | CO4 | PO5 | Understanding |
| | 3. What is Occupational Hazard? Make a brief notes on preventive measures for hazards at workplace. | (10) | CO5 | PO2 | Remembering |
| Q.2 | Answer the following questions (Attempt any three) | (18) | CO | PO | Bloom's Taxonomy |
| | 1. EIA | (06) | (04) | CO2 | Understanding |
| | 2. Role of UN | (06) | (04) | CO1 | Understanding |
| | 3. Functions and roles of all three levels of management | (06) | (04) | CO2 | Evaluating |
| | 4. Pre-audit and Post-audit process | (06) | (04) | CO5 | Understanding |
| Q.3 | Answer the following questions (Attempt any three) | (12) | CO | PO | Bloom's Taxonomy |
| | 1. Draw the EIA flow chart step by step. | (04) | CO2 | PO3 | Remembering |
| | 2. Write note on Environmental Inventory. | (04) | CO4 | PO5 | Remembering |
| | 3. Short note on emergency preparedness | (04) | CO5 | PO2 | Understanding |
| | 4. Short note on accidental factors | (04) | CO3 | PO4 | Remembering |
| Q.4 | Answer the following questions | (10) | CO | PO | Bloom's Taxonomy |
| | 1. Name the two components of EMS Audit | (02) | CO2 | PO3 | Understanding |
| | 2. What is operation management? | (02) | CO4 | PO5 | Remembering |
| | 3. Criteria for Site Selection | (02) | CO2 | PO3 | Remembering |
| | 4. Define EIA. | (02) | CO4 | PO5 | Analyzing |
| | 5. The "R" in the "PDCA" cycle represents: | (02) | CO5 | PO2 | Understanding |