

**POST GRADUATE DIPLOMA IN
ENVIRONMENTAL AND OCCUPATIONAL
HEALTH (PGDEOH)**

Term-End Examination

June, 2022

MEVE-004 : INDUSTRIAL SECTOR

Time : 3 hours

Maximum Marks : 100

Note : *Section I : Attempt any **six** out of **eight** questions.
All questions carry equal marks.*

*Section II : Attempt any **seven** out of
nine questions. All questions carry equal marks.*

SECTION I

1. What are ergonomic hazards ? Explain with examples. 3+2
2. Describe in brief the major and minor components of construction and demolition waste. 5
3. How does chromium enter the soil and water systems ? Explain. 5

4. Distinguish between small scale and large scale mining. 5
5. What is meant by an authority ? List its various types. 2+3
6. Write a brief note on the functions of Health and Safety Manager. 5
7. List the occupational hazards associated with paper and pulp industries. 5
8. Explain how untreated textile effluent poses a threat to the health of human beings. 5

SECTION II

9. Describe in detail the various processes involved in the tanning industry. 10
10. What are the environmental and occupational hazards of automobile industries ? Explain. 5+5
11. What is an industrial injury ? What kind of accidents occur in industries ? How can these be prevented ? 2+4+4
12. Write a note on the disposal and treatment of wastes generated during various steps of mining. 10
13. Explain the adverse effects of pesticides on ecology. 10
14. Write short notes on the following : 5+5=10
(a) Event Tree Analysis
(b) Types of Paints
15. Discuss the objectives and provisions of the Factories Act, 1948. 5+5
16. What is meant by delegation ? What are the advantages and prerequisites of delegation ? 2+4+4

17. Why has the consumption of pharmaceutical products increased during the last few decades ? Describe the hazardous and non-hazardous wastes generated by pharmaceutical industries. 4+6
