

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

Term-End Examination

February, 2021

MEVE-004 : INDUSTRIAL SECTOR

Time : 3 hours

Maximum Marks : 100

Note : *Section I : Answer any 6 out of 8 questions. All the questions carry equal marks.*

Section II : Answer any 7 out of 9 questions. All the questions carry equal marks.

SECTION I

1. Differentiate between diffuse and point sources of pesticide pollution. 5
2. Elaborate on the personal care industries flourishing in the country. 5
3. What is a pigment ? Why is it considered to be an important component of paints ? 1+4=5
4. What is dermatitis ? How is it caused ? 2+3=5

5. Write a short note on any **one** of the following : 5
- (a) EPA Data Standards
 - (b) Span of Control
6. Explain chrome tanning in brief. 5
7. How is synthetic rubber manufactured ? Explain. 5
8. How can positive reinforcement be used to motivate the employees in an organization ? 5

SECTION II

9. Compare and contrast Fault Tree Analysis (FTA) and Event Tree Analysis (ETA) evaluation methods. What makes a Hazard Evaluation programme successful ? 5+5=10
10. Describe in detail the various stages of mining operations. How does mining lead to pollution of land and water bodies ? 5+5=10
11. What are the occupational hazards associated with automobile industry ? How will you generate awareness regarding automobile pollution ? 5+5=10
12. Elaborate the major and minor components of construction and demolition waste in India. How does prefabrication reduce the generation of construction and demolition waste ? 5+5=10
13. Give a detailed account of elements of Process Safety Management. 10
14. Write short notes on any *two* of the following : 5+5=10
- (a) Total loss control concept
 - (b) End of life vehicles (ELV)
 - (c) Occupational hazards associated with pharmaceutical industries

- 15.** Define management control. What are the characteristics and elements of management control ? *2+8=10*
- 16.** Describe in detail the environmental and occupational health hazards of textile industries. *10*
- 17.** What is the basic component of a pharmaceutical drug ? How does it contribute to waste generation ? *5+5=10*
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