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MEVE-004

**POST GRADUATE DIPLOMA IN
ENVIRONMENTAL AND
OCCUPATIONAL HEALTH (PGDEOH)
Term-End Examination
June, 2024**

MEVE-004 : INDUSTRIAL SECTOR

Time : 3 Hours

Maximum Marks : 100

Note : (i) **Section A :** Attempt any **four** out of **six** questions. Each question carries 15 marks.

(ii) **Section B :** Attempt any **four** out of **six** questions. Each question carries 10 marks.

Section—A

4×15=60

1. Describe the source and types of pollutants in the tanning industry. Explain their effects on health.

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2. What are the types of wastes generated by the pharmaceutical, paper and pulp industry ? Explain their effects on health and environment.
3. Explain the following :
 - (a) Industrial hazards
 - (b) Industrial safety and management
4. Describe the waste generated by the automobile and paint industries. Explain their waste management practices.
5. Write short notes on the following :
 - (a) What If Analysis
 - (b) Accident Pyramid
6. What is Strategic Planning ? Describe various approaches to strategic planning.

Section—B

4×10=40

7. What are the differences between diffuse and point sources of pesticide pollution ? Explain.
8. Write short notes on the following :
 - (a) EPA Data Standards
 - (b) Span of control

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9. How is synthetic rubber manufactured ?
Explain the steps involved in it.
10. What are the differences between Fault Tree Analysis (FTA) and Event Tree Analysis (ETA) evaluation methods ? What are the steps involved in successful hazard evaluation programme ?
11. What is the basic component of a pharmaceutical drug ? How does it contribute to waste generation ?
12. Explain the following :
 - (a) Total loss control concept
 - (b) End of Life Vehicles (ELV)

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