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MEVE-004

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

Term-End Examination

June, 2021

MEVE-004 : INDUSTRIAL SECTOR

Time : 3 Hours

Maximum Marks : 100

*Note : (i) Section A : Attempt any **six** out of eight questions. All questions carry equal marks.*

*(ii) Section B : Attempt any **seven** out of nine questions. All questions carry equal marks.*

Section—A

1. List the factors that must be kept in mind while performing Preliminary Hazard Analysis.

5

P. T. O.

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2. What are the common waste products generated by personal care industry ? Explain in brief. 5
3. Define ergonomic hazards. Enlist some ergonomic hazards associated with iron and steel industry. 1 + 4
4. How does excess spraying of chemical pesticides affect the birds and microorganisms ? 5
5. Explain the common causes of accidents in an industry. 5
6. What causes Byssinosis ? What are its common symptoms ? 2 + 3
7. Describe the process of tanning with the help of a flow chart diagram. 5
8. Write a short note on the types of wastes generated by automobile industry. 5

Section—B

1. Describe the chemistry of chromium salts and their occurrence in the environment. 10

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2. Describe any *two* hazard evaluation procedures followed in industries. 5 + 5
3. What is your opinion regarding appropriate disposal of pharmaceutical wastes ? Describe giving measures of disposal. 10
4. What is meant by span of control ? Explain. List the factors that influence span of control. 5 + 5
5. Elaborate the mechanisms of mining and write the pollutants released by each mechanism. 7 + 3
6. Discuss the role and functions of a Health and Safety Manager. 10
7. Describe the occupational and the environmental hazards associated with textile industries. 5 + 5

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8. Most of the recycling of electronic waste in India is done by illegal and unauthorised recyclers. Explain the negative consequences of improper recycling of electronic waste on environment and health of human beings. 10
9. What is meant by OHSAS-18001 ? Write the certification steps for OHSAS-18001. 2 + 8

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