

2009

Roll No.

Subject Code—888-X

P. G. Diploma EXAMINATION

INDUSTRY SAFETY MANAGEMENT

PGDISM-02

Industrial Toxicology, Environment

Time : 3 Hours

Maximum Marks : 100

Note : Attempt any *Five* questions. All questions carry equal marks.

1. What are the causes and sign of stress in occupation environment ? Suggest the measures of prevention of stress at work.
2. What do you mean by Occupational Environment ? What working conditions can affect health and safety of workers ?
3. Discuss the different types of fatigue and suggest the mitigatory measures of fatigue.

4. Discuss in detail the occupational diseases caused by Particulate Matter.
5. What are the mode of action of industrial toxic substances ? Discuss the affects of different industrial toxic chemicals on human health.
6. Suggest the environmental and medical measures for prevention and control of occupational diseases.
7. What are the causes of Air Pollution ? Suggest the control measures for different types of Air Pollutants.
8. What are the purposes of ventilation ? Discuss in detail the working of Local Exhaust Ventilation.

Roll No.

Subject Code—2241

P. G. Diploma EXAMINATION

INDUSTRY SAFETY MANAGEMENT

PGDISM-02

Industrial Toxicology Environment

Time : 3 Hours

Maximum Marks : 100

Note : Attempt any *Five* questions. All questions carry equal marks. Attempt all parts together of a question.

1. What is Work ? Give an account of physiology and psychology of work. Explain basic human physiology in relation to work.
2. What is Work Load ? Differentiate physical and mental work. Discuss various work factors governing work load.

3. Write brief notes on the following :
 - (a) Man and Environment
 - (b) Working conditions and safe performance in industry.
4. Discuss various strategies to control occupational hazards and diseases.
5. What is Fatigue ? Explain its various causes. Discuss various remedies to overcome fatigue.
6. What is Industrial Toxicology ? Enlist various chemical and biological agents cause toxicity in industries. How these harmful effects can be prevented and controlled ?
7. Define Environmental Pollution. What are the sources of air and water pollution ? Explain their effects on the surrounding with examples.
8. Discuss various approaches used by industries to control different types of Pollution.