

Roll No. ....

Exam Code : J-19

Subject Code—0702

**P.G. Diploma in Industrial Safety  
Management EXAMINATION**

(Batch 2009 to 2017)

INDUSTRIAL TOXICOLOGY,  
ENVIRONMENT POLLUTION AND  
OCCUPATIONAL HEALTH

PGDISM-02

*Time : 3 Hours*

*Maximum Marks : 70*

**Section A**

**Note :** Attempt any *Seven* questions.      **7×5=35**

- 1.** Enlist the various environmental factors in an industry.
- 2.** Write down the effects of humidity on safety performance in an industry.

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3. Write down the mechanism of fatigue production.
4. Write down the diseases caused by biological agents in an industrial environment.
5. What are the causes of environmental pollution in an industry ?
6. Write down the effects of ventilation on human beings in an occupational environment.
7. Write a note on man and environment.
8. Which precautions should be taken for prevention of occupational diseases ?
9. What are the sources of noise in an industry ?
10. Differentiate between the monotonous work and non-monotonous work. **7×3=35**

### Section B

**Note :** Attempt all the questions.

11. Write down the different types of work load in an industry. Discuss the factors affecting work load.

*Or*

Define fatigue. Write down the causes and remedies of fatigue. **12**

12. Explain in detail the diseases caused by occupational environment. How they can be controlled ?

*Or*

What do you mean by work ? Which factors affect the physiology and psychology of work ? Explain. **12**

13. Define environmental pollution ? Write down the sources of water pollution ? How it can be controlled ?

*Or*

Discuss the effects of temperature, illumination noise and vibrations on human body and mind.

**11**