

Roll No.

Exam Code : J-19

Subject Code—0862

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

(Batch 2009 to 2017 Reappear)

INDUSTRIALTOXICOLOGY,
ENVIRONMENTAL POLLUTION AND
OCCUPATIONAL HEALTH

PGDISM-02

Time : 3 Hours

Maximum Marks : 70

Section A

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

1. Explain the following :

- (i) Work stress and its effects ?
- (ii) Ecosystem and its components.
- (iii) Monotonous and non-monotonous work.

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- (iv) Causes and effects of poor lighting and poor ventilation in industries.
- (v) Causes and effects of industrial toxicology.
- (vi) Causes and effects of environmental pollution.
- (vii) Causes of fatigue in workers in industries.
- (viii) Effects of occupational diseases.
- (ix) Sources of Land pollution and approaches used to control Land pollution.
- (x) Chemical agents of occupational diseases.

Section B

Note : Attempt all the questions.

2. Explain the various methods used to control the effects of work load on workers.

Or

Explain the various elements of working environment that are essential for safe operation of industries. **12**

3. Explain basic human physiology in relation to work.

Or

What is Fatigue ? What are its effects ? How it can be controlled among workers ? **12**

4. Explain the various approaches adopted to control water pollution by industries. Give examples.

Or

Explain different occupational diseases control methods. **11**