

Roll No.

Exam Code : J-19

Subject Code—0871

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

(For Batch 2018 Onwards)

PRINCIPLES OF INDUSTRIAL SAFETY

PGDISM-01

Time : 3 Hours

Maximum Marks : 70

Note : Attempt *Five* questions in all, selecting *one* question from each Unit in addition to compulsory Q. No. 1.

1. Describe the following :

- (i) Importance of ergonomics.
- (ii) Safety planning.
- (iii) What is the role of employee in plant safety ?
- (iv) Risk.

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- (v) How can different colours be used or safety in an industry ?
- (vi) Safety Standards.
- (vii) Differentiate between machine accidents and non-machine accidents. **7×2**

Unit I

- 2. Why is it important to follow health and safety procedures in the workplace ? Discuss. **14**
- 3. “Ergonomics is the sciences of designing the workplace, keeping in mind the capabilities and limitations of the worker.” Comment. **14**

Unit II

- 4. Explain the different types of accidents along with their causes. **14**
- 5. “Employees perceive safety to be a second-rung priority compared to productivity.” Comment. **14**

Unit III

- 6. Write a detailed note on safety movement in India. **14**
- 7. What are the responsibilities of trade unions regarding industrial safety in an organization ? Discuss. **14**

Unit IV

- 8. What are the purpose and advantages of job safety analysis ? Explain. **14**
- 9. “Product safety is the ability of a product to be safety for intended use, as determined when evaluated against a set of established rules.” Discuss. **14**