

DIPLOMA (SAFETY MANAGEMENT- INDUSTRY) – PART ONE

Optional Early Certificate: - N/A

Syllabus:-

Sr. No.	Module Code	Name of Module	Credits	Total Marks
1	DISM111	Professional Communication	5	100
2	DISM112	Safety Management	5	100
3	DISM113	High Pressure Operations, Safety Edu. & Training	5	100
4	DISM114	Safety in Work Plants	5	100
5	DISM115	Risk Control Technology	4	100

Module Name: PROFESSIONAL COMMUNICATION

- 1. Corresponding: (Official, Business and Personal):** One Letter from each category (Official, Business and Personal) may be set in the examination paper and the students be asked to write one of them.
- 2. Grammar:** A brief review of easy form of tenses. Conversion of direct narration into indirect form of narration and vice versa (Only simple sentences). Punctuation.
- 3. Essay:** Preferably on scientific topic from the given outlines. The paper setter may be instructed to give a choice of attempting one out of three topics. The question paper may provide the outlines. The essay will be of 250 to 300 words. The examiner may select three topics one from each of the following.
 - Science
 - Technology
 - General
- 4. Written Communication:** Report, Notices, Agenda Notes, Business Correspondence preparation of summery & prices.

Module Name: SAFETY MANAGEMENT

1. Electrical Safety
2. Energy Conservation
3. Personal Safety in Laboratory
4. Employee's Health and Safety
5. Fire Hazard & Protection
6. Safety for Home
7. Safety on Road
8. Hazard Evaluation Techniques
9. Training in Safety
10. Work Place Safety
11. Industrial Hazards
12. Road Safety
13. Implementing the Health and Safety Management System

Module Name: HIGH PRESSURE OPERATIONS, SAFETY EDUCATION & TRAINING

1. Storage and Maintenance of Gas Cylinders
2. Hydraulic Systems
3. Boilers and Safety in System Testing
4. Fire Safety
5. Fire Alarm, Extinguishers and Automatic Sprinkle
6. Periodic Inspection Reporting of Electricity

Module Name: SAFETY IN WORK PLANTS

1. Role of Operations & Maintenance in Process Safety Management
2. Sanitation & Public Health In Work Place
3. Managing Safety In Your Work Plants
4. Plants Safety in Your Work Plants
5. Safety Training & Communications
6. Employee Health & Safety
7. Work Permit System
8. Industrial Hazards
9. Identifying Hazards in the Workplace
10. Effective Health and Safety Policies
11. Organizing for Health & Safety
12. Planning & Implementing

Module Name: RISK CONTROL TECHNOLOGY

1. Portable Fire Extinguisher
2. Risk Behavior
3. Risk Causes
4. Fire Suppression
5. Scene Security and Preservation of Evidence
6. Arson Laws in the United States
7. Risk Prevention and Protection
8. Reporting of Findings
9. Risk Protection in Industry