

INDICATIVE SYLLABUS FOR THE POST OF ASSTT. OFFICER (SAFETY)
PART A (SUBJECT KNOWLEDGE)- (80 questions)

Section 1: Occupational Health

- Physical Health Hazards
- Chemical Health Hazards and Their Prevention and Control
- Psychological Hazards
- Cumulative Trauma Disorders and Application of Ergonomics in Industry
- Occupational Diseases

Section 2: Industrial Safety

- Accidents and Prevention
- Hazard Identification, Prevention and Control Techniques for Identification of Hazards
- Behaviour Based Safety
- Work Permit System

Section 3: Occupational Safety And Health Legislations

- ILO Conventions and Recommendations
- National Policy on Occupational Safety Health and Environment at Workplace
- The Factories Act, 1948
- The Dockworkers Act, 1986 and The Dockworkers Regulations, 1990
- Air (Prevention & Control of Pollution) Act, 1981 and Amended, 1986
- Water (Prevention & Control of Pollution) Act, 1974 and Rules
- Workmens Compensation Acts, 1923
- The Mines Act, 1952 and Rules
- The Employees State Insurance Act, 1948
- Manufacture Storage and Import of Hazardous Chemical Rules, 1989
- OHSAS, 18001

Section 4: Industrial Hygiene

- Industrial Hygiene TLV Place Monitoring Concept and Work
- Assessment of Airborne Contaminants in The Work Environment
- Biological Monitoring
- Industrial Ventilation

- Personal Protective Equipment (PPEs)
- Heat Stress

Section 5: Staff Training & Productivity

- Health of Executives
- Role of Factory Medical Officers in Promotion of Health Education and Training for Prevention of Occupational Health Problems in Industry
- Identification of Health Training Needs Designing and Organizing Training Programs
- Training Techniques
- Communication and Training
- Concept and Measurements of Productivity
- Total Quality Management
- Kaizen- Concept and Philosophy
- Principles of Healthcare Management

Section 6: Miscellaneous

- Women at Work
- Basic Types of Inventory Control Systems
- Organization & Function of Occupational Health Services
- Emergency Medical Responses
- Medical Organization for Major Accident Hazard Control
- Evaluations of Industrial Injuries
- Industrial Medicine Service
- Toxicity of Some Pesticides and General Precaution

PART B (APTITUDE)

General Knowledge: Current Affairs/Events, General Science, History, Geography, Political Science, Date, Famous Place, Famous Personality, etc

English: Synonyms, Antonyms, Fill in the Blank, Correct Spelling, Gender, Singular & Plural, Idioms & Phrase, One word Substitution, Logical Sequence, etc

Quantitative Aptitude: Simplification, Fraction, LCM/HCF, Number System, Average, Simple Interest, Compound Interest, Percentage, Profit & Loss, Allegation & Mixture, etc

Reasoning: Classification/ Series, Blood Relation, Position/Direction/Distance, Coding-Decoding, Ranking Arrangement, Diagrammatic Reasoning, etc
