

ASSIGNMENT-1
M.B.A. DEGREE EXAMINATION, JUNE/JULY - 2020
(Second Year)
FIRE & INDUSTRIAL SAFETY MANAGEMENT
Safety Management
MAXIMUM MARKS: 30
Answer ALL Questions

- Q1)** Concept of Safety.
- Q2)** MIS.
- Q3)** Assessment Method.
- Q4)** Values.
- Q5)** Management Grid.
- Q6)** Scalar Chain.
- Q7)** Planning.
- Q8)** Safety Committee.
- Q9)** Explain the functions of safety officer.
- Q10)** Explain the functions of safety department.

ASSIGNMENT-2
M.B.A. DEGREE EXAMINATION, JUNE/JULY - 2020
(Second Year)
FIRE & INDUSTRIAL SAFETY MANAGEMENT
Safety Management
MAXIMUM MARKS: 30
Answer ALL Questions

- Q1)* Discuss different types of safety organisation structure.
- Q2)* Discuss the safety committee functions.
- Q3)* What are the key elements of an audit?
- Q4)* Discuss the procedure of auditing.
- Q5)* What are the types of emergency planning? Explain.
- Q6)* Why communication is important? Discuss.
- Q7)* Examine the need for safety education in Indian Industry.



ASSIGNMENT-1
DIPLOMA DEGREE EXAMINATION, JUNE/JULY - 2020
(Second Year)
FIRE & INDUSTRIAL SAFETY MANAGEMENT
Safety Engineering
MAXIMUM MARKS: 30
Answer ALL Questions

- Q1)* 5s House Keeping
- Q2)* Productivity
- Q3)* Radiant Heat
- Q4)* Road Safety
- Q5)* Vibration
- Q6)* Time Study
- Q7)* Plant Location
- Q8)* Machine Guarding
- Q9)* What is meant by Hazard? Explain with examples.
- Q10)* Explain the sources of lightning.

ASSIGNMENT-2
DIPLOMA DEGREE EXAMINATION, JUNE/JULY - 2020
(Second Year)
FIRE & INDUSTRIAL SAFETY MANAGEMENT
Safety Engineering
MAXIMUM MARKS: 30
Answer ALL Questions

- Q1)** Explain the effects of noise on man.
- Q2)** Explain the steps in plant layout.
- Q3)** Explain the way of measuring noise.
- Q4)** Discuss the physiology of heat regulations.
- Q5)** What is meant by control of radiant? Explain in detail.
- Q6)** Explain how to improve safety and productivity through work place design.
- Q7)** Write about the safety measures which are important to follow in manufacturing organisation.



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DIPLOMA DEGREE EXAMINATION, JUNE/JULY - 2020
(Second Year)
FIRE & INDUSTRIAL SAFETY MANAGEMENT
Appraisal, Analysis, Inspection & Control Procedures
MAXIMUM MARKS: 30
Answer ALL Questions

Q1) Fault Tree Analysis.

Q2) Damage Control.

Q3) Depression Shock.

Q4) Host Time Accident.

Q5) Severity Rate.

Q6) Partial Disablement.

Q7) Plant Safety Observations.

Q8) Man Days Lost.

Q9) What is safety sampling? Explain.

Q10) Explain the need and importance of Artificial Respiration.

ASSIGNMENT-2
DIPLOMA DEGREE EXAMINATION, JUNE/JULY - 2020
(Second Year)
FIRE & INDUSTRIAL SAFETY MANAGEMENT
Appraisal, Analysis, Inspection & Control Procedures
MAXIMUM MARKS: 30
Answer ALL Questions

Q1)How will you examine the victim? Explain.

Q2)What is the purpose of investigation of accidents.

Q3)Explain external cardiac massage.

Q4)What are the plant safety observations?

Q5)Give an introduction to HAZOP.

Q6)What are the general rules to be followed during the process of first aid?

Q7)Write short notes on the following:

- a) Heart attack
- b) Safety inventory system
- c) Safety audit



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DIPLOMA DEGREE EXAMINATION, JUNE/JULY - 2020

(Second Year)

FIRE & INDUSTRIAL SAFETY MANAGEMENT

Industrial Hygiene & Occupational Health Environmental Education

MAXIMUM MARKS: 30

Answer ALL Questions

- Q1)* Counselling.
- Q2)* Stress.
- Q3)* Compensation.
- Q4)* Problem of Dust.
- Q5)* Work Capacity.
- Q6)* Ergonomics.
- Q7)* Job Alignment.
- Q8)* Yoga for Health.
- Q9)* Explain OSHA Act, 18001.
- Q10)* Define disease. Discuss different types of diseases.

ASSIGNMENT-2

DIPLOMA DEGREE EXAMINATION, JUNE/JULY - 2020

(Second Year)

FIRE & INDUSTRIAL SAFETY MANAGEMENT

Industrial Hygiene & Occupational Health Environmental Education

MAXIMUM MARKS: 30

Answer ALL Questions

- Q1)** What is community health? How can it be improved?
- Q2)** Name few diseases arising from dust and discuss its controlling measures.
- Q3)** What are the diseases arise due to physical hazards?
- Q4)** Describe briefly the diseases caused due to biological hazards.
- Q5)** Explain tips to improve occupational health.
- Q6)** Write briefly on industrial hygiene.
- Q7)** Write short notes on the following:
- a) Rehabilitation b) Fatigue c) Stress free life



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DIPLOMA DEGREE EXAMINATION, JUNE/JULY- 2020
FIRE & INDUSTRIAL SAFETY MANAGEMENT
Environmental Education
MAXIMUM MARKS: 30
Answer ALL Questions

- Q1)* Environmental Chemistry
- Q2)* Environmental Degradation
- Q3)* Sulphur Cycles
- Q4)* Coagulation
- Q5)* Ion Exchange
- Q6)* Public Health
- Q7)* Vibration Effects
- Q8)* Noise
- Q9)* Explain the importance of environmental education.
- Q10)* Explain the natural cycles of environment.

ASSIGNMENT-2
DIPLOMA DEGREE EXAMINATION, JUNE/JULY- 2020
FIRE & INDUSTRIAL SAFETY MANAGEMENT
Environmental Education
MAXIMUM MARKS: 30
Answer ALL Questions

- Q1)* What are the methods of waste water conservation?
- Q2)* What are the legal aspects of pollutions?
- Q3)* How air pollution causes acid rains? Explain.
- Q4)* Explain the formation of ozone in stratosphere.
- Q5)* What are the treatment methods of water pollution?
- Q6)* What are the classification of solid wastes?
- Q7)* Write a note on solid waste management and disposal methods.



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DIPLOMA DEGREE EXAMINATION, JUNE/JULY - 2020
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FIRE & INDUSTRIAL SAFETY MANAGEMENT
Production and Materials Management
MAXIMUM MARKS: 30
Answer ALL Questions

- Q1)* Relocation
- Q2)* Safety Stock
- Q3)* Speculation Market
- Q4)* Optimum Crew size
- Q5)* Ergonomics
- Q6)* Production Planning
- Q7)* Automation of Warehouse
- Q8)* Breakdown
- Q9)* Explain the concept of production. What are the types of production?
- Q10)* Distinguish the types of maintenance.

ASSIGNMENT-2
DIPLOMA DEGREE EXAMINATION, JUNE/JULY - 2020
(Second Year)
FIRE & INDUSTRIAL SAFETY MANAGEMENT
Production and Materials Management
MAXIMUM MARKS: 30
Answer ALL Questions

- Q1)** Explain the significance of production planning in a manufacturing company.
- Q2)** What is material requirement planning and state its process.
- Q3)** What is purchasing function? How tax is influencing the purchasings of a manufacturing concern? Explain.
- Q4)** What is GANTT chart? Explain its uses.
- Q5)** Discuss about inventory control and its models.
- Q6)** Describe various factors influencing in designing of store layout.
- Q7)** Outline the process involved in vendor evaluation and rating.



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ASSIGNMENT-1

DIPLOMA DEGREE EXAMINATION, JUNE/JULY - 2020

(Second Year)

FIRE & INDUSTRIAL SAFETY MANAGEMENT

Safety in Electrical Industry

MAXIMUM MARKS: 30

Answer ALL Questions

- Q1)** Hydrogen Plant
- Q2)** Transformer
- Q3)** First Aid
- Q4)** Static Electricity
- Q5)** Thermal Power Plants
- Q6)** Electrical Emergency
- Q7)** Overload
- Q8)** Fire Extinguishers
- Q9)** Explain about precautions in electrical wiring.
- Q10)** What are earth faults? Explain briefly.

ASSIGNMENT-2
DIPLOMA DEGREE EXAMINATION, JUNE/JULY - 2020
(Second Year)
FIRE & INDUSTRIAL SAFETY MANAGEMENT
Safety in Electrical Industry
MAXIMUM MARKS: 30
Answer ALL Questions

- Q1)** Explain the different personal protective equipment.
- Q2)** How do you prevent electrical fire accidents? Explain.
- Q3)** How electricity causes injury? Explain.
- Q4)** Describe about electrical short circuits and mention the three main causes of fire in industry.
- Q5)** Explain about capacity and protection of conductors.
- Q6)** What is cutting of power and briefly write about overload voltages and transformer?
- Q7)** Write short notes on the following:
- a) High voltage.
 - b) Electric shock.
 - c) Flame proof.

