

(DFSM01)

**ASSIGNMENT - 1
DIPLOMA DEGREE EXAMINATION, MAY – 2019**

FIRE AND SAFETY MANAGEMENT

Fire Engineering

**MAXIMUM : 30 MARKS
ANSWER ALL QUESTIONS**

- Q1)* Fire fighting
- Q2)* Hose
- Q3)* Fire alarm
- Q4)* Civil Engineering
- Q5)* Extinguishment
- Q6)* IC engine
- Q7)* National codes on fire
- Q8)* Ship fires
- Q9)* Briefly discuss about pump and primers.
- Q10)* Explain about Building construction.

(DFSM01)

ASSIGNMENT - 2
DIPLOMA DEGREE EXAMINATION, MAY – 2019
FIRE AND SAFETY MANAGEMENT
Fire Engineering
MAXIMUM : 30 MARKS
ANSWER ALL QUESTIONS

- Q1)** Explain fire rescue.
- Q2)** What are the basic usage of fire fighting appliances?
- Q3)** Explain the prevention of chemical fires.
- Q4)** What are hydrant fittings? Explain.
- Q5)** What is the use of foam making equipments in the industry?
- Q6)** What is the use of fire fighting appliances in the industry?
- Q7)** What are four methods of extinguishing fire and explain them briefly?
- Q8)** Describe the measures to be followed for mitigating the chemical fire.
- Q9)** Explain the construction and working of a fire crash tender.
- Q10)** How are hazardous chemicals classified? State the precautions to be taken in transportation of flammable chemicals.



(DFSM02)

ASSIGNMENT - 1
DIPLOMA DEGREE EXAMINATION, MAY – 2019
FIRE & SAFETY MANAGEMENT

Industrial Safety & Safety in Construction Activities

MAXIMUM : 30 MARKS
ANSWER ALL QUESTIONS

- Q1)* Safety.
- Q2)* Accident.
- Q3)* Manual handling.
- Q4)* Power tools.
- Q5)* Grinding.
- Q6)* Safety policy.
- Q7)* Welding.
- Q8)* Radiation.
- Q9)* Explain the fundamentals of safety.
- Q10)* What are risks and control measures of excavation?

(DFSM02)

ASSIGNMENT - 2
DIPLOMA DEGREE EXAMINATION, MAY – 2019
FIRE & SAFETY MANAGEMENT

Industrial Safety & Safety in Construction Activities

MAXIMUM : 30 MARKS
ANSWER ALL QUESTIONS

- Q1)* What are the advantages of work at weight?
- Q2)* What is accident investigation and reporting?
- Q3)* Explain the safety measures of mechanical handling?
- Q4)* Explain the types of ladder construction.
- Q5)* Explain risks in sand blasting.
- Q6)* Discuss care and maintenance of power tools.
- Q7)* Explain the causes and prevention to accidents.
- Q8)* What are the hazardous and safety measures of material handling? Explain in detail.
- Q9)* Explain risks and safety measures associated with hand tools.
- Q10)* Explain radiation hazards. What are electrical and earthing standards?



(DFSM03)

ASSIGNMENT - 1
DIPLOMA DEGREE EXAMINATION, MAY – 2019

FIRE & SAFETY MANAGEMENT

Occupational Health & Environment

MAXIMUM : 30 MARKS
ANSWER ALL QUESTIONS

- Q1)* Water pollution.
- Q2)* Wildlife conservation.
- Q3)* Deforestation.
- Q4)* Factories Act.
- Q5)* Health.
- Q6)* Skin treatment.
- Q7)* Lighting.
- Q8)* Eye care.
- Q9)* Explain about occupational safety health & environment.
- Q10)* Discuss physical and chemical hazards in industry.

(DFSM03)

ASSIGNMENT - 2
DIPLOMA DEGREE EXAMINATION, MAY – 2019

FIRE & SAFETY MANAGEMENT

Occupational Health & Environment

MAXIMUM : 30 MARKS
ANSWER ALL QUESTIONS

- Q1)* Explain the importance of yoga for health.
- Q2)* Explain the diseases arising due to dust.
- Q3)* Explain the extinguishing technique of fire.
- Q4)* Discuss the usage of high pressure gas cylinders.
- Q5)* Explain the fundamentals of safety and various accident causing theories.
- Q6)* What are the threshold limits and limits of flammability of flammable materials?
- Q7)* Discuss process of safety management under OSHA performance measurements.
- Q8)* Explain about handling transportation and usage of hazardous chemicals.
- Q9)* Discuss about industrial lighting and ventilation.
- Q10)* Explain the legal aspects of industrial health monitoring.

