

# **ASSIGNMENT-1 (DFSM 01)**

**DIPLOMA DEGREE EXAMINATION, DECEMBER – 2017**

## **FIRE & SAFETY MANAGEMENT**

### **Fire Engineering**

**MAXIMUM MARKS:30**

**Answer ALL Questions**

- Q1)* Fire risk.
- Q2)* Accident.
- Q3)* Foam.
- Q4)* Air craft.
- Q5)* Proximity suits.
- Q6)* Ship fires.
- Q7)* Explosion.
- Q8)* IC Engine.
- Q9)* Explain about ship fires.
- Q10)* Discuss the need for fire fighting appliances.

# **ASSIGNMENT-2 (DFSM 01)**

**DIPLOMA DEGREE EXAMINATION, DECEMBER – 2017**

## **FIRE & SAFETY MANAGEMENT**

### **Fire Engineering**

**MAXIMUM MARKS:30**

**Answer ALL Questions**

- Q1)* Explain the basic usage of first aid.
- Q2)* Explain heat chemistry and its mechanism.
- Q3)* Explain the importance of proximity suits.
- Q4)* Discuss the PPEs for fire fighting.
- Q5)* Explain about fire crash tender.
- Q6)* Discuss some hydrant fittings.
- Q7)* Explain the national and international codes of fire.
- Q8)* Explain the fundamentals of civil engineering.
- Q9)* Explain about major FF appliances and their installations.
- Q10)* Explain about IC Engines and its cooling system.

# **ASSIGNMENT-1 (DFSM02)**

**DIPLOMA DEGREE EXAMINATION, DECEMBER – 2017**

## **FIRE & SAFETY MANAGEMENT**

**Industrial Safety and Safety in Construction Activities**

**MAXIMUM MARKS:30**

**Answer ALL Questions**

- Q1)* Safety.
- Q2)* Hazards.
- Q3)* Rope chains.
- Q4)* Accidents.
- Q5)* Welding.
- Q6)* Gas cutting.
- Q7)* Crane.
- Q8)* Sand blasting.
- Q9)* Explain the fundamentals of safety.
- Q10)* Explain the risk associated to hand tools.

## **ASSIGNMENT-2 (DFSM02)**

**DIPLOMA DEGREE EXAMINATION, DECEMBER – 2017**

### **FIRE & SAFETY MANAGEMENT**

#### **Industrial Safety and Safety in Construction Activities**

**MAXIMUM MARKS:30**

**Answer ALL Questions**

*Q1)* Explain risk and control measures.

*Q2)* Explain the types of accidents.

*Q3)* Explain hazards associated to manual handling.

*Q4)* What are radiation hazards?

*Q5)* What are equipments used in mechanical handling?

*Q6)* Discuss accident investigation.

*Q7)* Explain the types of accidents and its causes and prevention.

*Q8)* Explain the risk hazards and control measures in MSDS handling.

*Q9)* Explain risks associated and safety practices related to hand tools.

*Q10)* Explain various legal aspects of safety.

# ASSIGNMENT-1

(DFSM03)

DIPLOMA DEGREE EXAMINATION, DECEMBER – 2017

**FIRE & SAFETY MANAGEMENT**

**Occupational Health & Environment**

**MAXIMUM MARKS:30**

**Answer ALL Questions**

- Q1)* On-site injuries.
- Q2)* Land degradation concept.
- Q3)* Need for first aid.
- Q4)* Ventilation.
- Q5)* Hazards.
- Q6)* Noise.
- Q7)* Soil pollution.
- Q8)* Deforestation.
- Q9)* Explain some common occupational diseases.
- Q10)* Discuss industrial lighting and ventilation.

## **ASSIGNMENT-2**

**(DFSM03)**

**DIPLOMA DEGREE EXAMINATION, DECEMBER – 2017**

**FIRE & SAFETY MANAGEMENT**

**Occupational Health & Environment**

**MAXIMUM MARKS:30**

**Answer ALL Questions**

*Q1)* Explain the disadvantages of land degradation.

*Q2)* Explain skin related ailments and its treatment.

*Q3)* Explain first aid for common ailments.

*Q4)* Explain the features of industrial health monitoring.

*Q5)* Discuss the effects of noise on human systems.

*Q6)* Explain the features of wildlife conservation.

*Q7)* Discuss the sources and engineering methods in control of various pollutants.

*Q8)* Explain the types and treatment related to housekeeping and occupational diseases.

*Q9)* Discuss the sources of noise and vibration in industries and in environment.

*Q10)* Explain the features of industrial hygiene, industrial lighting and ventilation.