

(PGDHSE01)

ASSIGNMENT-1
PG DIPLOMA DEGREE EXAMINATION, DECEMBER – 2017

QUALITY HEALTH SAFETY AND ENVIRONMENT

Industrial Safety & Industrial Hygiene

MAXIMUM MARKS-30
ANSWER ALL QUESTIONS

- Q1)* Industrial safety.
- Q2)* Industrial hygiene.
- Q3)* Fire triangle.
- Q4)* Ergonomics.
- Q5)* OSHA 18001.
- Q6)* Process safety Management.
- Q7)* Physical hazards.
- Q8)* Chemical hazards.
- Q9)* What is fundamentals of safety? Explain briefly about the risk involved in Industry.
- Q10)* Explain different types of fire.

(PGDHSE01)

ASSIGNMENT-2
PG diploma DEGREE EXAMINATION, December – 2017
QUALITY HEALTH SAFETY AND ENVIRONMENT
Industrial Safety & Industrial Hygiene
MAXIMUM MARKS-30
ANSWER ALL QUESTIONS

- Q1)* Explain briefly accident causation theories in brief.
- Q2)* What is difference between hazard and risk? Give example.
- Q3)* Explain the following:
- a) Fire Prevention and protection.
 - b) Accident prevention.
- Q4)* Explain the handling of high – pressure gas cylinder.
- Q5)* What types of PPE'S used in chemical handling?
- Q6)* Explain the threshold limits of flammable materials.
- Q7)* Explain about the risk involved in chemical Industry and what are its preventive measures.
- Q8)* What is chemistry of combustion? Explain the principle involved in it.
- Q9)* What are the diseases arising from dust and what are its controlling measures?
Explain briefly.
- Q10)* Discuss in detail about good house keeping.



(PGDHSE02)

ASSIGNMENT-1
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QUALITY HEALTH SAFETY AND ENVIRONMENT

Construction Safety & Quality Control Management

MAXIMUM MARKS-30
ANSWER ALL QUESTIONS

- Q1)* Rigging.
- Q2)* Barricade.
- Q3)* Hoists.
- Q4)* ISO 9000.
- Q5)* Zero defect.
- Q6)* Tagging.
- Q7)* Grinding.
- Q8)* Sampling.
- Q9)* Explain about different types of gauges.
- Q10)* Explain about non – destructive testing.

(PGDHSE02)

ASSIGNMENT-2
PG DIPLOMA DEGREE EXAMINATION, DECEMBER – 2017

QUALITY HEALTH SAFETY AND ENVIRONMENT

Construction Safety & Quality Control Management

MAXIMUM MARKS-30
ANSWER ALL QUESTIONS

- Q1)* Describe the principle of acceptance sampling.
- Q2)* Explain the features of Taguchi method.
- Q3)* Explain about sequential sampling plan.
- Q4)* Discuss the safe usage of ladder.
- Q5)* Explain the control charts for SQC.
- Q6)* Describe quality control and quality assurance.
- Q7)* What is Statistical Quality Control? Describe various control charts for SQC.
- Q8)* Explain the risks and control measures in hot works.
- Q9)* Explain ISO 9000 and its series and describe its importance.
- Q10)* Describe the types and proper upkeep of ladders.



(PGDHSE03)

ASSIGNMENT-1

PG DIPLOMA DEGREE EXAMINATION, DECEMBER – 2017

QUALITY HEALTH SAFETY AND ENVIRONMENT

Occupational Health & Environment

MAXIMUM MARKS-30

ANSWER ALL QUESTIONS

- Q1)* Factories Act
- Q2)* Bronchitis
- Q3)* Nitrogen Cycle.
- Q4)* Ecology.
- Q5)* Soil Erosion.
- Q6)* House keeping.
- Q7)* Noise.
- Q8)* Ventilation
- Q9)* Discuss about need for occupational health.
- Q10)* Explain the control methods of noise pollution .

(PGDHSE03)

ASSIGNMENT-2

PG DIPLOMA DEGREE EXAMINATION, DECEMBER – 2017

QUALITY HEALTH SAFETY AND ENVIRONMENT

Occupational Health & Environment

MAXIMUM MARKS-30

ANSWER ALL QUESTIONS

- Q1)* Describe the principles of first aid.
- Q2)* Discuss deforestation and land degradation.
- Q3)* Describe some throat related ailments.
- Q4)* Explain industrial lighting and ventilation.
- Q5)* Explain the importance of industrial hygiene.
- Q6)* Describe classification of various pollutants.
- Q7)* Describe the sources of noise and vibration in industries and in environment.
- Q8)* Describe the need for wildlife conservation and effects of deforestation.
- Q9)* Discuss the legal aspects related to industrial health monitoring.
- Q10)* Discuss the engineering methods in control of various pollutants.

