CP–9845

Sub. Code
90711

P.G. DIPLOMA EXAMINATION, NOVEMBER 2018

Non-Semester

Occupational, Health and Safety Management

ORGANIZATIONAL BEHAVIOUR

(Upto 2015 batch)

Time : 3 Hours Maximum : 75 Marks

Part A (5 × 3 = 15)

Answer **all** questions.

1. Define Organization.

2. What is meant by organizational citizenship behaviour?

3. Define personality.

4. Define training.

5. Define group and politics.

Part B (5 × 12 = 60)

Answer **all** the questions.

6. (a) Write in detail about the major discipline behavior that is contributing to OB.

Or

(b) Define perception and explain in detail about factors influencing perception.

7. (a) Write short notes on :

   (i) values

   (ii) individual behavior

   (iii) attitudes

   (iv) job satisfaction.

Or

(b) Write in detail about the theories of motivation.

8. (a) What are the difference between the group and team?

Or

(b) Define decision making and explain its techniques.

9. (a) Explain in detail about the stages of group development.

Or

(b) Define communication and explain in detail about the barriers in effective communication.

10. (a) Explain in detail about the leadership theories.

Or

(b) Write short notes on :

   (i) Power in group

   (ii) Leadership.

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CP–9846

Sub. Code
90712

P.G. DIPLOMA EXAMINATION, NOVEMBER 2018

Non-Semester

Occupational, Health and Safety Management

PRINCIPLES OF SAFETY MANAGEMENT

(Upto 2015 batch)

Time : 3 Hours Maximum : 75 Marks

Part A (5 × 3 = 15)

Answer **all** the questions.

1. Define safety survey.
2. List out the types of safety audit.
3. Give some example of unsafe act and unsafe condition.
4. How does the safety awareness help in preventing accidents?
5. What are the advantages of safety training?

Part B (5 × 12 = 60)

Answer **all** the questions.

6. (a) Explain the relationship between safety survey and safety sampling.

Or

(b) List out the roles and responsibilities of safety officer.

7. (a) List and discuss the methodology of safety audit.

Or

(b) Explain the role of safety committee during accident preventions.

8. (a) Discuss in detail about domino sequence.

Or

(b) How will you implement the safety education and training among the workers?

9. (a) Explain the various types of disabilities arising due to accidents.

Or

(b) Explain about safety training and its types, and how do you identify the training needed to workers.

10. (a) Explain detail about domestic safety and training.

Or

(b) Discuss in detail about calculation of accident indices and what are the problems involved in it.

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CP–9847

Sub. Code
90713

P.G. DIPLOMA EXAMINATION, NOVEMBER 2018

Non – Semester

Occupational Health And Safety Management

INDUSTRIAL SAFETY MANAGEMENT

(Upto 2015 Batch)

Time : 3 Hours Maximum : 75 Marks

Part A (5 × 3 = 15)

Answer **all** questions.

1. What are the different types of sprinkler system?
2. Define ZMS.
3. Define flash back duster.
4. Define hydro testing.
5. Define OHSAS 18001.

Part B (5 × 12 = 60)

Answer **all** questions.

6. (a) Explain in detail about safety in chlorine storage.

Or

(b) Explain in detail about the fire hydrant

7. (a) Explain in detail about safety in hazard location

Or

(b) Explain in Detail about Machine Guarding system.

8. (a) Explain in detail about PPE.

Or

(b) Explain in detail about safety in shot blasting.

9. (a) Explain in detail about OHS management system.

Or

(b) Explain in detail about structures and futures of OHSAS 18001.

10. (a) Explain in detail about storages and handling of gas cylinders.

Or

(b) Explain in detail about safety in brazing and soldering.

CP–9848

Sub. Code
90714

P.G. DIPLOMA EXAMINATION, NOVEMBER 2018

Non-Semester

OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT

(Upto 2015 Batch)

Time : 3 Hours Maximum : 75 Marks

Part A (5 × 3 = 15)

Answer **all** questions.

1. What are the effects of vibration?

2. What are the effects of noise?

3. Define TLV.

4. Define STEC.

5. What do you mean by air sampling?

Part B (5 × 12 = 60)

Answer **all** questions.

6. (a) Explain noise induces heaving loss.

Or

(b) List out some monitoring instruments and explain each.

7. (a) Explain the methods of evaluation of chemical hazards.

Or

(b) Explain air sampling and personal sampling.

8. (a) Explain infectious diseases with example.

Or

(b) Explain CTS and tender pain – disorder.

9. (a) Explain carcinogens entry humans system.

Or

(b) Explain the CPR and audiometric tests.

10. (a) Explain allocation of functions in occupational physiology.

Or

(b) Explain the parameters of measurements in occupation physiology.

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CP–9849

Sub. Code
90715

P.G. DIPLOMA EXAMINATION, NOVEMBER 2018

Non-Semester

Occupational Health and Safety Management

FIRE PREVENTION AND CONTROL

(Upto 2015 batch)

Time : 3 Hours Maximum : 75 Marks

Part A (5 × 3 = 15)

Answer **all** questions.

1. Define Bleve.
2. Define fire monitor.
3. What are the disadvantages of halon system?
4. What are the advantages of CO_2 system?
5. Define fire watcher.

Part B (5 × 12 = 60)

Answer **all** questions.

6. (a) Explain in detail about
   (i) Fire triangle
   (ii) Fire tetrahedron
   (iii) Heat Transfer

Or

(b) Explain in detail about fire on solid, liquid and gas substances.

7. (a) Explain in detail about active and passive fire protection systems.

Or

(b) Explain in detail about emergency response teams and their responsibilities.

8. (a) Explain in detail about fire hydrant systems.

Or

(b) Explain in detail about

(i) Halon system

(ii) CO_2 System

(iii) Foam System.

9. (a) Explain in detail about fire safety in hospitals.

Or

(b) Explain in detail about fire safety in hazardous industries.

10. (a) Explain in detail about static and mobile pressure vessels act.

Or

(b) Discuss in detail about the principles and protection against explosion.

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CP–9850

Sub. Code
90716

P.G. DIPLOMA EXAMINATION, NOVEMBER 2018

Non-Semester

Occupational Health Safety Management

ENVIRONMENTAL SAFETY

(Upto 2015 batch)

Time : 3 Hours Maximum : 75 Marks

Part A (5 × 3 = 15)

Answer **all** the questions.

1. Define deforestation.

2. Define pollution control board.

3. Define recycling and rensing.

4. Define PH meter.

5. Define LUX meter.

Part B (5 × 12 = 60)

Answer **all** questions.

6. (a) Explain in detail about pollution in automobile industries.

Or

(b) (i) Explain in detail about deforestation.

(ii) Explain in detail about ozone layer depletion.

7. (a) Explain in detail about different industrial effluents and their treatment method.

Or

(b) Explain in Detail about effluent quality standards and laws.

8. (a) Explain in detail about collection and disposal of solid waste.

Or

(b) Explain in detail about treatment of hazardous.

9. (a) Explain in detail about sampling and analysis.

Or

(b) Explain in detail about

(i) Gravity settling chambers.

(ii) Cyclone deperators

(iii) Scrubber

(iv) Electrostatic precipitators.

10. (a) Describe about pollution control in dying industries.

Or

(b) Describe about pollution control in thermal power plant.

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