

C-3012

Sub. Code

90714

P.G. DIPLOMA EXAMINATION, NOVEMBER 2021

Non - Semester

Environment, health, Safety Management

INDUSTRIAL SAFETY AND RISK MANAGEMENT

(2016 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What is the name of the chemical involved in Bhopal Tragedy?
2. What do you mean by Explosion?
3. What are the types of permit?
4. Define Accident.
5. What are the types of Guarding?
6. Define safety performance.
7. What are the elements of Industrial Hygiene?
8. What are the types of Forklift?
9. List out the hazards in manual handling.
10. Define malfunction.

Part B

(5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) Explain in detail about Training.

Or

- (b) Explain the safety in storing of waste drums.

12. (a) List out the types of hazards.

Or

- (b) Write the overview of an Accident.

13. (a) Explain the safety committee.

Or

- (b) Explain confined space safety.

14. (a) Explain the safety in string of corrosive substances.

Or

- (b) Explain in detail about the performance measurement.

15. (a) Explain in detail about the lapse in safety organization.

Or

- (b) Explain in detail about material handling.

Part C

(3 × 10 = 30)

Answer **all** questions, choosing either (a) or (b).

16. (a) Explain in detail about permit to work.

Or

- (b) Explain the safety in handling of fault equipments.

17. (a) Briefly explain the lack of procedural system and supervision.

Or

(b) Write any one case study related to explosion and list out the recommended actions.

18. (a) Explain the storage of waste drums and containers.

Or

(b) Create a emergency response plan for a general industry.
