

Total No. of Pages: 2

Register Number:

**7212**

Name of the Candidate:

**DIPLOMA EXAMINATION - 2010**

**(INDUSTRIAL HYGIENE)**

**(PAPER – IV)**

**140. MANAGMENT OF OCCUPATIONAL HYGIENE,**

**HEALTH & SAFETY**

*December)*  
*Hours*

*(Time: 3*

Maximum: 100 Marks

Answer TWO Questions from Section – A,  
FIVE from Section – B and  
TEN from Part – C

**SECTION – A**

**Essay Type:**

**(2 × 15 = 30)**

1. What is occupational epidemiology? Discuss few examples of applications of the principles of the same.
2. Discuss the onsite emergency plan for a chemical factory?
3. What is a Machine Guarding System? Brief the types of the guards used in industries?
4. Discuss the frequency rate, severity rate and frequency severity incidence?

**SECTION – B**

**Short Answer:**

**(5 × 8 = 40)**

5. TLV.
6. Fault Tree Analysis.
7. Safety Committee.
8. Personal Protective Device.
9. Walk through survey.
10. Hearing Conservation Programme (HCP).
11. Ionizing Radiation (IR).
12. Chi-square test.

**SECTION – C**

**Very Short Answer:**

**(10 × 3 = 30)**

13. First Aid Box.
14. Partial Dissement.
15. Area Sampling.
16. Notifiable disease.
17. Decompression sickness.
18. WBGT.
19. Carnal tunnel syndrome.
20. First Aid Principles.
21. Heat Stress Index (HSI).
22. Work Related Disease (WRO).
23. First Aid for Head Injury.
24. Emergency Control Centre.
25. Occupational Dermatitis.

%%%%%%%%