

**COURSE CODE - 4031504**  
**DIPLOMA EXAMINATION – JAN 2009**  
**DIS**

**HAZARDS IN WORK PLACES**

(For Candidate Admitted from Calendar 2007 Onwards)

**Time: 3 Hours**

**Max.Marks:75**

**Section-A**

**Answer all the Questions:**

**15 X 1 = 15**

1. What is the importance of oxygen in working place?
2. What is the effect of air contaminants?
3. Why is ventilation important in welding shop?
4. What kind of light you choose for watch assembly shop?
5. Mention different kinds of lamps.
6. How will you maintain lamps?
7. How will you measure noise level in a workshop?
8. What do you mean by sound frequency?
9. Why is tolerance noise level important?
10. What is body temperature?
11. What do you mean by relative humidity?
12. How will you measure room temperature?
13. Mention different kinds of toilet.
14. How will you kill germs in toilet.
15. How will you store drinking water safely in an engineering industry?

**Section - B**

**Answer any Five Questions:**

**5 X 6 = 30**

16. a. Write short notes on.
  - i. Respiration
  - ii. Air contaminant monitoring
  - iii. Breathing apparatus.

**(Or)**

- b. Discuss in detail about respiratory diseases
17. a. What are eyesight requirements? Discuss in detail.

**(Or)**

- b. How will you know the required levels of illumination.  
Explain.

18. a. What are the effects of voice on hearing? Discuss with suitable illustrations.

**(Or)**

- b. What are the remedial measures you undertake to reduce noise level in metal forging industry.

19. a. What is discomfort? How will you overcome this problem?  
Explain.

**(Or)**

- b. What are the effects of air speed on temperature? Explain

20. a. What do you mean by uncleanliness in toilet? Explain

**(Or)**

- b. Discuss in detail about Regulation of body temperature.

**Section - C**

**Answer any Two Questions:**

**2 X 15 = 30**

21. What are the methods you adopt for good ventilation in granite manufacturing industry? Explain in detail
22. Discuss the need for illumination in garment manufacturing unit
23. Explain the effects of machine noise on Learning in a workshop
24. Mention different kinds of air-conditioning. Explain any two kinds in detail with the help of neat diagrams
25. Explain the methods of controlling drinking water spread diseases with suitable illustrations.