



DPA – 530 (Env. Sci)

**M.Sc. Previous (Environmental Science) Degree Examination, July/August 2011
(Freshers/Repeaters)
(Directorate of Distance Education)
Paper – III : OCCUPATIONAL HEALTH HAZARD, CONTROL AND
MANAGEMENT**

Time : 3 Hours

Max. Marks : 75/85

- Instructions :** 1) Students who have attended 25 Marks IA Scheme will have to answer for total of 75 Marks.
2) Students who have attended 15 Marks IA Scheme will have to answer for total of 85 Marks.
3) Answer **all** the Sections. Section **D** is **compulsory** for 85 marks Scheme.

Note : Section **D** is **compulsory** for 85 marks Scheme.

SECTION – A

Answer **any FIVE** of the following :

(5×3=15)

1. Arsenic health hazards.
2. Pneumoconiosis.
3. Occupational Environment.
4. Ionizing radiation.
5. Protective devices.
6. Lighting accidents.
7. Chemical hazards.
8. ESI Act 1984.

P.T.O.



SECTION – B

Answer **any FIVE** of the following :

(5×6=30)

9. Write a note on gas poisoning.
10. Symptoms of Mercury exposure.
11. Write a short note on psycho-social hazards.
12. Write a note on diseases caused by clostridium.
13. Write in detail significance of personal hygiene.
14. Explain the reasons of spoilage of food.
15. Write a note on radioactive waste disposal methods.
16. Explain the manifestations of Dengue syndrome.

SECTION – C

Answer **any THREE** of the following :

(3×10=30)

17. Describe briefly on occupational exposure to biological agents.
18. Discuss how to assess workplace health hazards.
19. Discuss, why industrial hygiene programme assessment is mandatory ?
20. Explain the biological effects of radiations and add a note on control measures.

SECTION – D

Answer **any ONE** of the following :

(1×10=10)

21. Comment on the communicable diseases of public health significance.
22. Discuss the relevance of disinfection and sterilization of equipments in quality maintenance of food processing. Add a note on different methods of sterilization.