

Reg. No. :

D 1730

Q.P. Code : [D 07 PES 02]

(For the candidates admitted from 2007 onwards)

M.Sc. DEGREE EXAMINATION, DECEMBER 2010.

First Year

Environmental Science

AIR POLLUTION AND MANAGEMENT

Time : Three hours

Maximum : 100 marks

Answer any FIVE questions.

(5 × 20 = 100)

1. Write an account on atmospheric dispersion and Windrose diagram.
2. Explain the meteorological aspects connected with air pollution.
3. Discuss about the history and effect of air pollutants on human health, animals, vegetation, material and structures.
4. Describe the economic effects of air pollution.

5. Briefly encounter the gaseous pollutants present in the atmosphere and explain about the sampling and measurement of particulate matters in the atmosphere.

6. Write an account on the control measures of SO_2 , NO_x , CO , CO_2 and hydrocarbons.

7. Write an essay on source, effects and control measures of noise pollution and briefly describe about the assessment and measurement of sound.

8. State air pollution and control of pollution Act 1981 and Motor vehicle Act 1988.