

M.Sc. Examination, 2019
Semester-IV
Environmental Science
Course : MEO-442
(Air Pollution and Health)

Time : 3 Hours

Full Marks : 40

Questions are of value as indicated in the margin

Answer question No. **1** and **any four** from the rest.

1. Write short notes on **any four** of the following : 2×4=8
 - a) Ultrafine particles
 - b) Emphysema
 - c) FEV₁
 - d) London Smog
 - e) DALY
 - f) Greenbelts
 2.
 - a) What are particulate air pollutants?
 - b) How dust fall can be measured?
 - c) How do particulates affect plant morphology and physiology? 2+2+(2+2)=8
 3.
 - a) What do you mean by APTI?
 - b) How can APTI be used for air quality assessment? 4+4=8
 4. Discuss the role of air pollution on plant reproduction. 8
 5. Discuss the role of air pollution on respiratory system impairment. 8
 6. How does various air pollutants affect human health? 8
 7.
 - a) What is air pollution epidemiology?
 - b) How are epidemiological studies used for ascertaining air pollution effects on human health? 2+6=8
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