

**M. Sc. Semester-IV Examination 2017**  
**Environmental Science**  
**Course: MEO-442**  
**(Air Pollution and Health)**

**Time : Three 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) Inhalable particles
    - (b) Emphysema
    - (c) APTI
    - (d) Greenbelts
    - (e) COLD
    - (f) Bioindicators
  2. (a) How air particulates affect plant morphology? 4+4=8  
(b) What are the resistance mechanisms in plants against air pollution?
  3. Discuss the effects air pollution on plant reproduction. 8
  4. How does biodiversity get affected by air pollution. Discuss. 8
  5. How various air pollutants affect human health? 8
  6. How air pollutants affect human biochemical systems? 8
  7. (a) Illustrate air quality index. 4+4=8  
(b) How it was formulated?
-