

**M.E(Chemical) & M.E (Food Tech.)**

**3<sup>rd</sup> Sem Second periodical**

**Max. Marks 20**

**Q. 1. Explain different indoor air pollutants and their sources. Discuss indoor air pollution effects on human health. (4)**

**Q.2. Explain the working principle of Gravitational settling chambers. (4)**

**Q3. (i) Explain the concept of temperature inversion?**

**(ii) Explain the various methods to control nitrogen oxide pollutants. (3,3)**

**Q4. Write note on the following**

**(i) Isokinetic Sampling**

**(ii) Plume Behavior (3,3)**