Scheme of evaluation of EVS (CH-10003)

- 1a) Albedo emplanation with factors 10.5+0.5 affecting it
 - b) Paimary follutants and Secondary 10.5 +0.5 pollutants with examples
- chlorothurso earbon.

 Freon
 [0.5+0.5]
- d) Threshold limit value explanation with example
- e) Explanation of lapse rate and

 Variation of explanation of lapse

 rate of stratosphere w.r.t ozone 6.5+0.5

 density variation
- 2). Regions of almosphere

 Troposhere Altitude

 Stratosphere temperature

 Mesosphere chemical species

 Thermosphes present in each

 layes
 - 3) a) Acid rain description, formation from 12.5 Nox and adverse effects
 - b) Explanation of green house effect

 global warming and consequences

 [2.5]

$$T = \left[\frac{5(1-\alpha)}{4\pi} \right] \frac{1}{4}$$

$$= \frac{1372(1-0.3)}{4\times5.67\times10^{-8}} \frac{1}{4}$$

$$= \frac{22}{2.55} \times \frac{1}{4}$$

$$E = A - T^{4} \times t$$

$$4\pi R^{2} \times - T^{4} \times t$$

$$= 1.051 \times 10^{31} T$$

$$1.051 \times 10^{31} \text{ J}$$

- 5a) Photochemical smog explanation [2.5] and formation for of Deroxy acyl nitrati from reactive hydrocarbon (mechanism)
 - Explanation of ozone layer depletion

 W.r.t pollulants eausing it and come chanism) humful effects