



**THE ANSWERS MUST BE ATTEMPTED ON THE ANSWER SHEET PROVIDED**

**Q.1. Answer the following short questions: (6x5=30)**

- i. Write a note on ‘Comparative sensitivity of organisms to radiation’.
- ii. Describe ‘Impacts of Air Pollution on Inert materials’.
- iii. What are impacts of stratospheric ozone depletion?
- iv. How a radioactive waste can be disposed?
- v. What is smog? How is it generated? Give some control measures also.
- vi. How can coal be made cleaner?

**Answer the following questions. (3x10=30)**

- Q.2 Give a detailed account on Acid Rain, its formation, types and different sources. Discuss its effects on ecosystem in detail.**
- Q3. Define Aerosols. Give a detailed account of their sources, atmospheric concentration, particles size and chemical composition. What are their impacts?**
- Q4. What are Greenhouse Gasses? Describe in detail their role in Greenhouse effect, Global Warming and Climate changes.**