



# UNIVERSITY OF THE PUNJAB

B.S. 4 Years Program : Seventh Semester – Fall 2021

Roll No. ....

Paper: Air Pollution its Impacts and Control

Course Code: BOT-401

Time: 3 Hrs. Marks: 60

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

- i. Write a note on 'Comparative sensitivity of organisms to radiation'.
- ii. Explain 'Sources and impacts of Lead pollution'.
- iii. How can vehicle pollution be reduced?
- iv. Give an account of the composition of atmosphere.
- v. What is difference between complete and incomplete combustion?
- vi. How does air pollution affect health?

**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. [10]**
- Q3. Critically discuss various international Air Quality Programmes. [10]**
- Q4. Enlist Greenhouse gasses? Describe their role in Greenhouse effect, Global Warming and Climate changes. Give mitigation of Global Warming. [10]**