



# Dnyaneshwar Vidyapeeth (Trust)

CENTRAL EXAMINATION BOARD

ASSIGNMENT OF AIR POLLUTION AND CONTROL

SUB -CODE- (CVL-G730)

COURSE: ADVANCED TECH-QUIC PROGRAM

SESSION - WINTER

ASSIGNMENT NO. 1 (Assignment Based on Topic No. 1,2,3 )

BRANCH - CIVIL

Q.1 Answer the following (Questions for 2 marks)

- 1) List the primary contents of air pollution
- 2) What are organic pollutants?
- 3) What are the properties of hydrogen chloride?
- 4) State the different sources from which phosphorus is emitted as air pollutant

Q.2 Answer the following (Questions for 4 marks)

- 1) Give classification of air pollutants.
- 2) What are the different sources of generation of carbon monoxide?
- 3) How the smog is formed in air as a secondary pollutant?
- 4) What are the factors affecting petrochemical reactions?
- 5) State the sources and properties of oxides of nitrogen as a primary air pollutant.
- 6) State the properties of a carbon monoxide
- 7) How does a primary photochemical reaction take place?

Q.3 Answer the following (Questions for 8 marks)

- 1) What are the effects of carbon monoxide on growth and production of plants?
- 2) Describe the various air pollution sources in an industrialized city like Bombay
- 3) Write a short note on effect of oxides of nitrogen as air pollutant on plants.
- 4) Explain the effect of the following air pollutants on plants:
  - a) Sulphur dioxide
  - b) Ethylene
  - c) Peroxy acetyl nitrate ( PAN)
  - d) Hydrogen fluoride

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