



RAN - 2003000205020172

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T. Y. B. Sc. (Environmental Science - XII) (Sem. - V)

Examination March - 2023

ENV - 502 : Air Pollution and Control

Time: 2 Hours]

[Total Marks: 50

सूचना : / Instructions

(1)

नीचे दशविवेक निशानीवाणी विगतो उत्तरवली पर अवश्य लपववी.
Fill up strictly the details of signs on your answer book

Name of the Examination:

T. Y. B. Sc. (Environmental Science - XII) (Sem. - V)

Name of the Subject :

ENV - 502 : Air Pollution and Control

Subject Code No.: **2003000205020172**

Seat No.:

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Student's Signature

- (2) Figures to the right indicate full marks of the question.
(3) Draw neat and labeled diagrams wherever necessary.

Que. 1 Give specific answer for the each of the following:

[12]

1. Who coined the term Acid Rain? Write different forms of acid deposition.
2. Write down two examples of stationary and mobile sources of air pollutant emission.
3. Write down method for measurement of CO.
4. Define: Temperature inversion. What are different types of temperature inversions observed?
5. Give two examples of phytotoxicants.
6. Which air pollution control equipments are working on the principle of absorption?

Que. 2 **Comment on / Justify any two of the following:** **[12]**

1. Comment on: Control of measures of global warming.
2. Different types of meteorological parameters can influence dispersion of air pollutants -Justify.
3. Comment on: Air pollution control at source.

Que. 3 **Attempt any two of the following:** **[16]**

1. Explain: Ringlemann Chart Scale Method.
2. Write a note on: Electrostatic Precipitators.
3. Give detail account on Occurrence and Effects of El Nino and La Nina.

Que. 4 **Write short notes on any two of the following:** **[10]**

1. Kinds of injury to plants.
 2. Analytical method for measurement of NO₂.
 3. Causes of air pollution.
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