



# CHEMISTRY

## BOOKS - SAI CHEMISTRY (TELUGU ENGLISH)

### ENVIRONMENTAL CHEMISTRY

#### Problem

1. Which of the following statement is correct?

- A. Ocean is sink for  $CO_2$ ?
- B. Green house effect causes lowering of temperature of earth's surface
- C. To control emission by automobiles usually catalytic convertor are fitted into exhaust pipes
- D.  $H_2SO_4$ , herbicides and insecticides form mist

**Answer: C**



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2. Municipal sewage BOD values (ppm) are\_

A. 1 – 5

B. 100 – 4000

C. 50 – 90

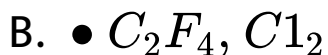
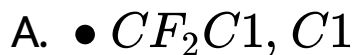
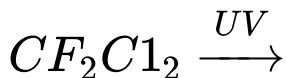
D. 20 – 40

**Answer: B**



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3. what are X and Y in the following reaction?



**Answer: A**



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4. Cataract and skin cancer are caused by

A. Deplition of nitric oxide

B. Deplition of ozone layeer

C. Increase in methane

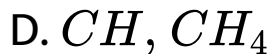
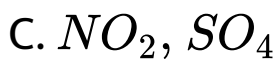
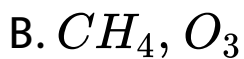
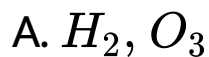
D. Deplition of nitrous oxide

**Answer: B**



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5. The pair of gases responsible for acid rain are



**Answer: C**



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6. Which are pollutant is responsible for Bhopal gas tragedy?

A. PIC

B. CFC

C. MIC

D. CO

**Answer: C**



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7. The acceptable level of carbon monoxide gas(CO) in the atmosphere in ppm level is

A. 9

B. 250

C. 49

D. 850

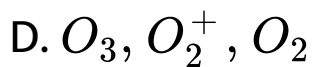
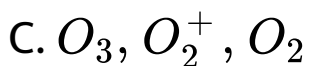
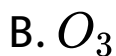
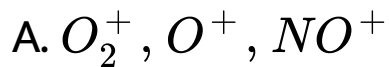
**Answer: A**



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8. The chemical entities present in thermosphere of the atmosphere are



**Answer: A**



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9. Among the following compounds, which one is not responsible for depletion of ozone layer?



**Answer: A**



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10. Bhopal gas tragedy of 1984 was caused by

A. carbon monoxide

B. phosgene

C. methyl cyanate

D. methyl isocyanate

**Answer: D**



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11.  $CFCl_3$  is responsible for the decomposition of ozone to oxygen. Which of the following reacts with ozone to form oxygen?



**Answer: D**



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12. Which of the following is not an air pollutant?

A.  $N_2$

B.  $N_2O$

C.  $NO$

D.  $CO$

**Answer: B**



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**13.** Identify the correct decreasing order of the following with respect to altitude from atmosphere.

I Troposphere

II Mesosphere

III Thermosphere

A. II,III,I

B. III,II,I

C. I,II,III

D. I,III,II

**Answer: B**



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**14.** Water is considered to be polluted, if the dissolved oxygen (DO) content is less than....ppm.

A. 5

B. 10

C. 15

D. 100

**Answer: B**



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**15.** Which of the following is mainly responsible for depletion of ozone layer?

A. Methane

B. Carbon dioxide

C. Water

D. Chlorofluoro carbons

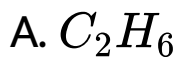


**Answer: D**



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**16.** Poisonous gas present in the exhaust fumes of an automobile is



**Answer: C**



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