

Name: _____						
Subject: Chemistry		Class: 12 th		Time: 60 minutes		
Chapter No.16		MJDexpert.com			Total Marks:	30
				Obtained marks		

Note: Please attempt any 7 short questions from Question 2. Also, attempt both parts (a and b) of Question 3. Cutting and removal of any content is strictly prohibited.

Objective-Section

Q. 1 Encircle the correct answer. (8x1=8)

- Newspaper can be recycled again and again by how many times
(A) 2 (B) 3 (C) 4 (D) 5
- A single chloride free radical can destroy how many ozone molecule
(A) 100 (B) 100000 (C) 10000 (D) 10
- Which is a secondary pollutant?
(A) Carbonic Acid (B) CO₂ (C) SO₂ (D) CO
- The PH range of the acid rain is
(A) 7 -6.5 (B) 6.5 – 6 (C) 6 - 5.6 (D) less than 5
- Ecosystem is a smaller unit of
(a) Lithosphere (b) Hydrosphere (c) Atmosphere (d) Biosphere
- The normal amount of overhead Ozone is about
(a) 150 DU (b) 250 DU (c) 350 DU (d) 450 DU
- The decrease in ozone concentration in the overhead atmosphere is occurring due to human activity. Half of the ozone over Antarctica has been depleted up to the year
(a) 1960 (b) 1970 (c) 1980 (d) 1990
- Incineration is a process in which solid-waste is burnt at elevated temperature. Following temperature range is most effective:
(a) 900 to 1000 °C (b) 800 to 900 °C (c) 100 to 200 °C (d) None

Subjective-Section

Q.2 Write short answers of any SEVEN (7) of the following questions: (7x2=14)

- What is meant by ecosystem?
- Write a note on the lithosphere.
- What are primary pollutants? Give at least two examples.
- Define environmental pollutant
- Discuss detergents as water pollutants.
- What is LEACHATE? Give its composition.
- What is the difference between chemical oxygen demand and Biochemical oxygen demand?
- What is chemical oxygen demand (COD)? How is it measured?

Q.No.3 Long Question: (4+4=8)

- Define smog. Give its types and write conditions for the formation of smog.
- What is acid rain and how does it affect our environment?