



XI-SCI : Chemistry
Chemistry in Everyday Life,

DATE:

TIME: 1 hour 30
minutes

MARKS: 25

SEAT NO:

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Note:-

1. All Questions are compulsory.
2. Numbers on the right indicate full marks.

Section A

Q.1 Select and write the correct answer.

(4)

1. The main contributor of acid rain is
A) H_2SO_4 B) $CaCO_3$
C) CH_3COOH D) PAN
2. Which one of the following is not a greenhouse gas?
A) CO_2 B) CH_4
C) CFCs D) NO_2
3. The following is not a soil pollutant
A) radioactive waste B) CFCs
C) ash D) DDT
4. The photochemical smog is a mixture of
A) PAN and formaldehyde B) formaldehyde and nitrogen
C) ozone, acrolein and nitrogen D) nitrogen and ozone

Q.2 Answer the following.

(3)

1. What is meant by broad spectrum antibiotic and narrow spectrum antibiotics?
2. Define Cleansing agents.
3. Define the Term: Analgesics

Section B
Attempt any Four

- Q.3 Write a note on lipoproteins. **(2)**
- Q.4 Difference between saturated and unsaturated fats. **(2)**
- Q.5 Difference between soap and synthetic detergent. **(2)**
- Q.6 Draw the structure of BHT. **(2)**
- Q.7 Why is food cooked? What is the difference in the physical states of uncooked and cooked food? **(2)**
- Q.8 Write a chemical equation for saponification. **(2)**

Section C
Attempt any Two

- Q.9 How detergents cause water pollution? (3)
- Q.10 Explain how detergents are superior to soaps. (3)
- Q.11 Give one example of each type of synthetic detergents. (3)

Section D
Attempt any One

- Q.12 Explain antiseptics with examples. (4)
- Q.13 Explain : Mechanism of cleansing action of soap with flow chart. (4)