

Step Academy official

Model Town Grw PH: 03016652757

STUDENT NAME	
PAPER CODE	22257
TIME ALLOWED	40
Paper Date	26-02-2026

CLASS	New 1st Year (FSC/ICS)
SUBJECT	Chemistry
TOTAL MARKS	25
Paper Type	



Q1. Choose the correct answer.

$$5 \times 1 = 5$$

Q2. Write short answers of the following questions.

$$5 \times 2 = 10$$

- 1 . How does the thermosphere protect Earth from solar radiation?
- 2 . How do volcanoes contribute to air pollution?
- 3 . What are Chlorofluorocarbons (CFC_s) and where are they commonly found?
- 4 . How does acid rain affect plants? What are the effects of acid rain on buildings?
- 5 . Identify and briefly explain three major natural sources of air pollutants.

Q3. Write detailed answers of the following questions.

$$2 \times 5 = 10$$

- 1 . How the fossil fuel burning causes acid rain? Discuss in detail with chemical reactions.
- 2 . What is meant by air quality AQI? Describe the factors affecting the air quality.