

+1 Full 5 Mark analysis in Public Questions.

Year	No of questions asked	Questions.	பி.கவியரசு M.Sc.,B.Ed., முதுகலை வேதியியல் ஆசிரியர்
Mar-2019	$\frac{0}{10}$	—	
June-2019	$\frac{0}{10}$	—	
Sep-2020	$\frac{3}{10}$	1. Empirical & Molecular formula Sum 2. Purification of organic compound by crystallization method 3. Mechanism of 3° butyl chloride + alc. KOH elimination	
Sep-2021	$\frac{4}{10}$	1. Similarities b/w Be & Al 2. Molar mass determination by osmotic pressure 3. Organic A, B, C Sum. 4. M.O diagram of H₂ molecule.	
May-2022	$\frac{5}{10}$	1. Pauling method for determination of ionic radius 2. Characteristics of internal energy 3. Molar mass determination by K_b (Elevation boiling point) 4. Ionic character determined by EN values. 5. A, B, C, Sum	
July 2022	$\frac{5}{10}$	1. Similarities b/w Li & Mg 2. K_p, K_c for synthesis of NH₃ 3. MO diagram of C₂ molecule. 4. Types of constitutional isomers. 5. A, B, C organic Sum.	
Mar-23	$\frac{5}{10}$	1. Empirical & Molecular formula Sum 2. T_c, P_c, V_c 3. Second law thermodynamics statements 4. Salient feature of M.O theory 5. Structure of Benzene	
June-23	$\frac{4}{10}$	1. Effective nuclear charge Sum 2. Relation b/w ΔH & ΔU 3. M.O. diagram of N₂ 4. Classification of organic compounds.	

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HI Full 5 mark analysis to Public Questions

Year	No of Questions asked	Questions	பா.கவியரசு M.Sc.,B.Ed., முதுகலை வேதியியல் ஆசிரியர்
Mar-24	$\frac{5}{10}$	1. Similarities b/w Be & Al 2. Characteristics of internal energy 3. Van't Hoff equation 4. N₂ molecule M.O diagram 5. Acid rain formation & its effects.	
July-24	$\frac{4}{10}$	1. Assumptions of Bohr theory 2. Definition & conversion of ortho, Para Hydrogen 3. K_p - K_c for Synthesis of NH₃ 4. Estimation of halogen by Carius method	
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