

Syllabus for Written Test

Test Components: MCQs-based Questions

S No.	Section	No. of MCQs	Marks
1	English Comprehension	10	10
2	Analytical Skills	10	10
3	General Knowledge	10	10
4	IT Skills (MS Office)	10	10
5	Subject-Specific	60	60
	Total	100	100

1. English Comprehension:

English Comprehension section will include a reading paragraph followed by Multiple Choice Questions. The questions will assess the grammar, vocabulary, English comprehension etc.

2. Analytical Reasoning:

Analytical Reasoning section will include but not be limited to statements and conclusions, cause and effect, analogies, pattern recognition, relationship deduction, number series, missing numbers, critical reasoning etc.

3. General Knowledge

General Knowledge will include but not be limited to current affairs, Pakistan studies, geography, currencies, international relations, trade and commerce relationships, entrepreneurial ecosystem.

4. Information Technology (IT) Skills

IT Skills section will include but not be limited to MS Office (Word, Excel, Power Point), Email, Web Browsing, and use of Internet.

5. Subject-Specific

5.1 Chemistry – Inorganic

1. Atomic Structure and Periodicity
2. Chemical Bonding and Molecular Structure
3. Acid-Base Chemistry
4. Main Group Chemistry
5. Transition Metal Chemistry
6. Coordination Chemistry
7. Organometallic Chemistry
8. f-Block Chemistry
9. Spectroscopy in Inorganic Chemistry