



ALLAMA IQBAL OPEN UNIVERSITY
Semester Terminal Exam Autumn 2020

Program /level:	B.Ed/Graduation	Maximum Marks	100
Title /Course Code	Chemistry-II (6457)	Pass marks	50

Instructions for Exams:

1. Attempt All Questions.
2. Write answers in your own words and avoid copying from an internet source or any book.
3. Be precise, avoid unnecessary details, answer to each question must be between 600-800 words.
4. Students are advised to upload their answer sheets/solutions on LMS portal as soon as they complete their answers and not to wait for 8:30 PM.
5. Submissions after due date & time will not be entertained. Attach undertaking with each course code which were allowed to attempt in Urdu.
6. If plagiarism found, Student may be declared fail.

Q. No.	Questions	Marks
1	Clarify the concept of Periodicity of properties. And explain the Modern Periodic Table. How it is different from that of Mendeleev's Periodic Table regarding their merits, limitations, achievements, and trends?	33
2	Explain the Acid Base theory of Lewis. Describe the Soft and Hard Acid Base (SHAB) Concept and its applications.	33
3	Soda Ash is a chemical of common use. Explain the origin, preparation, uses and properties of Soda Ash in detail.	34