



ALLAMA IQBAL OPEN UNIVERSITY
Semester Terminal Exam Autumn 2020

Program /level:	B.Ed/Graduation	Maximum Marks	100
Title /Course Code	Chemistry-III (6458)	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	Discuss the resonance theory. Give resonance rules and explain how can these rules are applied for drawing the resonance structure of different organic compounds?	33
2	Discuss the basic concepts of Alkane. Describe the Nomenclature of alkanes and then explain the reactions of alkanes.	33
3	Describe Aliphatic Nucleophilic Substitution. Discuss Elimination mechanism, orientation of double bond and reactivity. Explain Preparation of Grignard's Reagent, Structure, and reaction of Grignard's Reagent	34