



ALLAMA IQBAL OPEN UNIVERSITY  
Semester Terminal Exam Autumn 2020

Program /level:	B. Ed	Maximum Marks	100
Title /Course Code	<b>Assessment in Science Education (8628)</b>	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
Q.No.1	Traditional forms of assessment such as examinations are said to be promoting a surface approach to learning and are ensuring the acquisition of factual knowledge rather than conceptual learning by the student. Discuss some prominent performance-based assessment approaches that are supposed to encourage deep learning among the science students at Secondary level? Discuss with suitable examples in the local context.	33
Q.No.2	What is meant by higher order thinking? How do you recognize different categories of higher order abilities? Enlist some key considerations for developing tests for the higher order abilities especially for the science students? Explain your viewpoint with arguments.	33
Q.No.3	Keeping in mind the COVID-19 pandemic situation, identify some significant problems present in our current assessment system and suggest some realistic solutions of these problems in order to assess the science students effectively at secondary level.	34