



ALLAMA IQBAL OPEN UNIVERSITY
Semester Terminal Exam Autumn 2020

Program /level:	B.Ed	Maximum Marks	100
Title /Course Code	Teaching of Biology (6455)	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	Identify different ethical considerations for science teaching in Pakistani context. How nature of science education and scientific method help in determining Ethics in science teaching?	12+ 11+10= 33
Q.No.2	Develop five lesson plans based on 5E learning model on: i. Disorders in skeletal System ii. Methods of asexual reproduction iii. Nature of vegetative propagation iv. Tissue culture and v. Cloning and sexual reproduction in plant. vi.	7x5=35
Q.No.3	What is meant by alternative teaching strategies? Which teaching methods are much useful for teaching "Application of biology" to tenth class students?	8+24=32