

ALLAMA IQBAL OPEN UNIVERSITY

LEVEL	M.A/M.ED (SCIENCE EDUCATION)	SEMESTER	SPRING 2022
COURSE CODE	LABORATORY ORGANIZATION, MANAGEMENT AND SAFETY METHODS.(698) 2	MAX.MARKS	100
TIME ALLOWED	03 HOURS	PASS.MARKS	40/50

NOTE: ATTEMPT FIVE QUESTION.ALL CARRY EQUAL MARKS.

Q.NO.	QUESTIONS	MARKS
Q.NO.1	Elaborate terms related to Emergency services. Also write procedures for general emergency in school laboratories.	20
Q.NO.2	Describe different First Aid Techniques during laboratory work.	20
Q.NO.3	Explore the Role of Ventilation in science laboratory. What type of Hazards are associated with Ventilation.	20
Q.NO.4	What is the role of Motivation and interest in sequencing of activities for science teaching? Discuss.	20
Q.NO.5	What are general laboratory safety methods. Also describe how to identify chemical, biological, fire and radiation hazards in laboratory.	20
Q.NO.6	Discuss the barriers to change related to laboratory work in developing countries.	20
Q.NO.7	Critically discuss commonly used. Design of laboratory in Pakistani schools.	20
Q.NO.8	Describe Criterion Referenced Tests. Discuss use of CRT in laboratory assessment.	20