

# ALLAMA IQBAL OPEN UNIVERSITY

<b>LEVEL</b>	<b>M.A/M.ED ( SCIENCE EDUCATION)</b>	<b>SEMESTER</b>	<b>SPRING 2022</b>
<b>COURSE CODE</b>	<b>LABORATORY ORGANIZATION, MANAGEMENT AND SAFETY METHODS.(698) 1</b>	<b>MAX.MARKS</b>	<b>100</b>
<b>TIME ALLOWED</b>	<b>03 HOURS</b>	<b>PASS.MARKS</b>	<b>40/50</b>

**NOTE: ATTEMPT FIVE QUESTION.ALL CARRY EQUAL MARKS.**

<b>Q.NO.</b>	<b>QUESTIONS</b>	<b>MARKS</b>
<b>Q.NO.1</b>	Describe the implications for implementing aims and objectives in the laboratory.	<b>20</b>
<b>Q.NO.2</b>	How aims and objectives are important to guide students learning in laboratory.	<b>20</b>
<b>Q.NO.3</b>	What should be the quality of furniture in science laboratory.	<b>20</b>
<b>Q.NO.4</b>	Write difference between financing and budgeting. Also explain procedure of budgeting for school laboratory.	<b>20</b>
<b>Q.NO.5</b>	What are contexts and aims of laboratory work in low – income countries. And why it is worth to compare the aims of practical work in low income countries.	<b>20</b>
<b>Q.NO.6</b>	How will you bring change and modify your laboratory as science teacher or science education.	<b>20</b>
<b>Q.NO.7</b>	Describe norm referenced tests. Discuss use of NRT in laboratory assessment.	<b>20</b>
<b>Q.NO.8</b>	In what ways sequencing and organization are related. Also enlist principles of sequencing.	<b>20</b>